SHED 1846.

THE JAMES BAILEY COMPANY

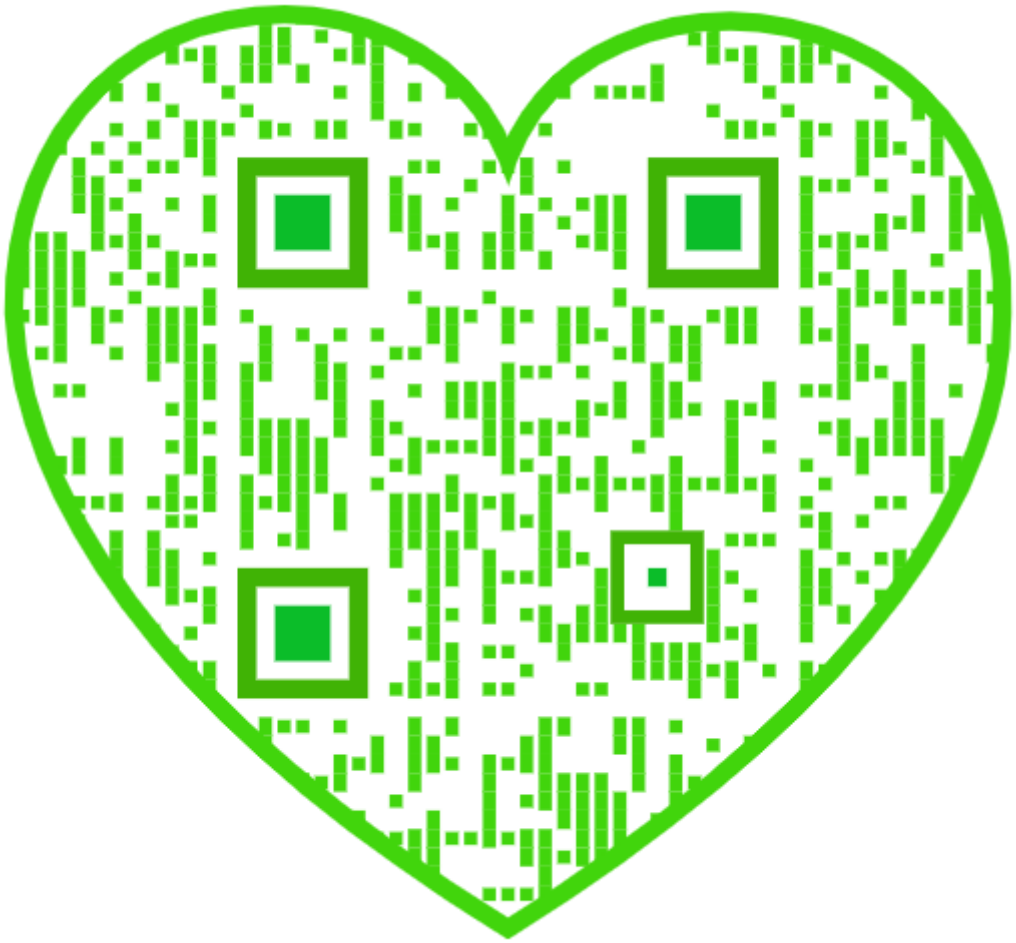
CARRIAGE AND SLEIGH TRIMMINGS

DDLERY AND HARNESS

GENERAL STORE SUPPLIES

LAND, MAINE

EVERYTHING
FOR THE
HORSE



JOHN A. SEAVERNS

TUFTS UNIVERSITY LIBRARIES
3 9090 013 408 873

IN our two stores will be found large and complete stocks of these various lines : : : : :

Saddlery Goods

Carriage and Sleigh Trimmings

General Store Supplies

Automobile Accessories

Bicycles and Sundries

Motor Boat Supplies

ILLUSTRATED AND DESCRIPTIVE CATALOG OF

SADDLERY CARRIAGE AND SLEIGH TRIMMINGS GENERAL STORE SUPPLIES

The James Bailey Co.,

264 MIDDLE STREET, PORTLAND, MAINE

Webster Family Library of Veterinary Medicine
Cummings School of Veterinary Medicine at
Tufts University
200 Westboro Road
North Grafton, MA 01536

Largest Stock of General Saddlery Goods in New England. Everything for the Harness Maker or General Dealer. Correct Prices, Prompt Shipments.

ESTABLISHED 1846

INCORPORATED 1892

OUR HEADQUARTERS

FOR

Automobile Accessories Bicycles and Sundries

MOTOR BOAT SUPPLIES

18 FREE STREET

N. E. TELEPHONE, 199

OUR HEADQUARTERS

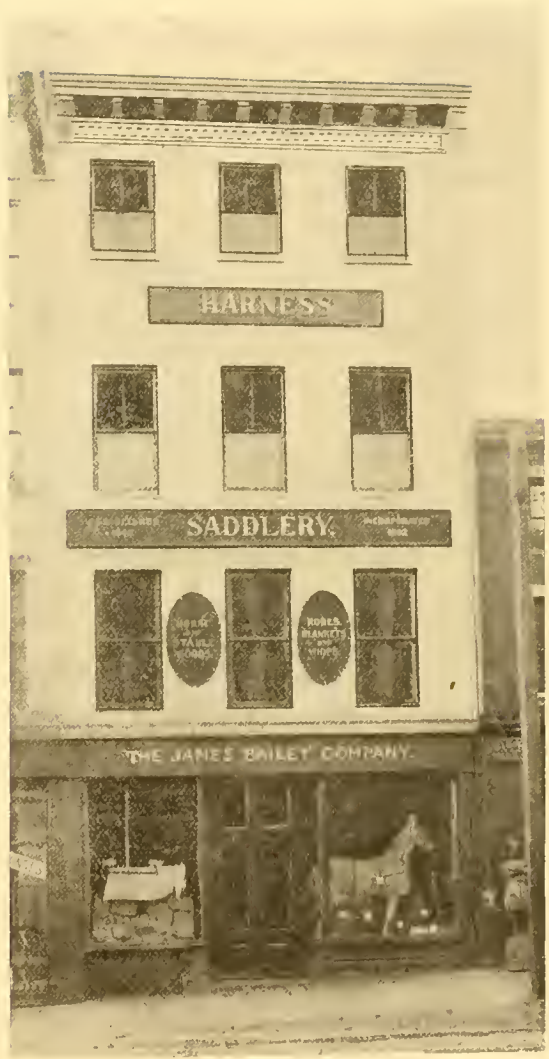
FOR

SADDLERY GOODS CARRIAGE AND SLEIGH TRIMMINGS

General Store Supplies

264 MIDDLE STREET

N. E. TELEPHONE, 82



INTRODUCTION

In this, the 63rd year of our business existence, we take pleasure in presenting our 1909 Catalog of Saddlery, Carriage and Sleigh Trimmings, and General Store Supplies.

Our Stock of general Horse Furnishings, Harness, etc., is not excelled in extent or variety by that of any Saddlery Firm in New England.

Portland as a shipping point is most convenient, not only to State of Maine trade, but on account of its many railway connections to all points throughout New Hampshire and Vermont. This is well understood by Dealers in these localities who are desirous of receiving their orders promptly and at favorable Express or Freight rates.

TO DEALERS

This catalog is especially made up for Dealers in the lines of goods herein listed.

Prices mentioned are approximate retail values.

We will be happy to quote net prices to Dealers on any particular articles in which they may be interested.

All orders intrusted to us will have our most careful consideration. Mail us your orders and we will see that they are promptly filled and the right prices made you.

In a catalog of this kind it is impractical to mention everything carried in stock. We invite correspondence where articles are desired that are not herein listed.

Goods in some instances may vary slightly in detail from the illustrations, owing to continual changes in style. We aim, however, to furnish the latest designs in style or pattern.

TERMS

30 days net on approved credit or 2% cash discount.

No goods returnable without our consent.

Claims for errors, shortages or over-charges must be made within five days after receipt of goods.

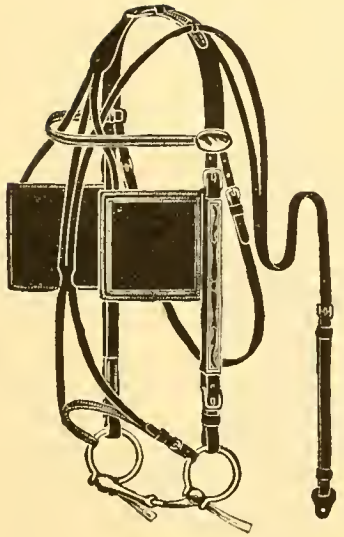
All orders should be accompanied with shipping directions, *i. e.* whether freight, express or mail.

Packages sent by mail are at purchaser's risk unless registered.

Please address all communications for goods in this department to 264 Middle Street.

Prices subject to change without notice.

BRIDLES.



Buggy Bridles.

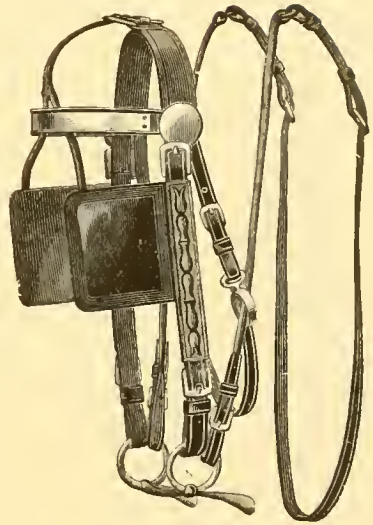
Box loop cheeks, patent leather blinds, overdraw or side check, nickel bit.

No. 20. ½ inch cheeks, nickel or imitation rubber trimmings. Price each, $3.00

No. 20. ½ inch cheeks, rubber trimmings. Price each, 3.50

No. 30. ⅝ inch cheeks, nickel or imitation rubber trimmings. Price each, 3.00

No. 30. ⅝ inch cheeks, rubber trimmings. Price each, 3.50



Express Bridles.

Box loop cheeks, metal band front and rosettes, patent leather express blinds, round side check, ring bit.

No. 15. ⅝ or ¾ inch cheeks, nickel or brass trimmings. Price each, $4.00

OPEN BRIDLES.

No. 2.

Flat cheeks and throat latch, overdraw check, nickel bit. Nickel or imitation rubber trimmings. Price each, $2.00

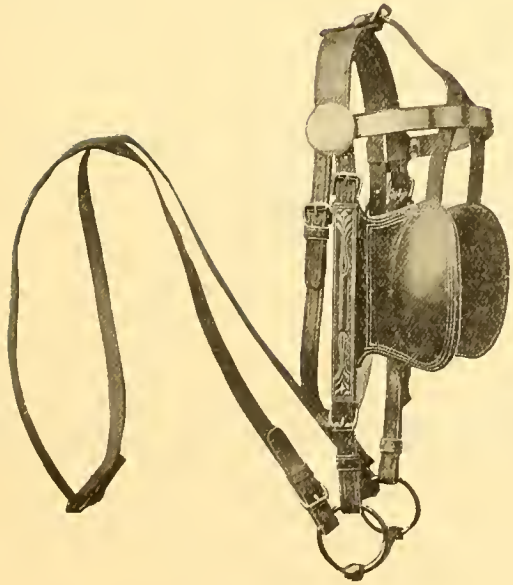
No. 10.

Round cheeks and throat latch, folded crown, overdraw check, no bit. Nickel or imitation rubber trimmings. Price each, $2.25
Rubber trimmings. Price each, 2.50

No. 8.

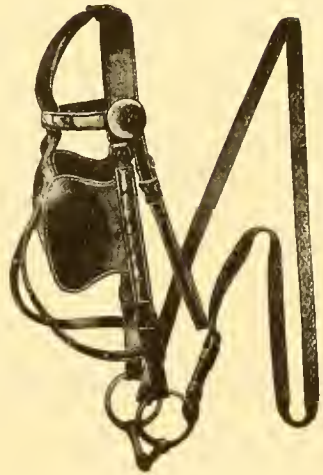
Round cheeks and throat latch, safe on crown, round overdraw check, no bit. Imitation rubber trimmings. Price each, $3.25
Rubber trimmings. Price each, 3.50

TEAM BRIDLES.



No. 5.

¾ inch box loop cheeks, harness leather sensible blinds, brass or nickel front and rosettes, ring bit, japanned buckles. Price each, $2.75



No. 10.

¾ inch box loop cheeks, harness leather sensible blinds, brass or nickel front and rosettes, split face piece ornamented with spots, ring bit, japanned buckles. Price each, $3.25

BRIDLE PARTS.

Round Open Bridle Cheeks.

No. 1. ½ inch nickel, brass or imitation rubber buckles. Price per pair, $ .75
No. 1. ½ inch rubber buckles. Price per pair, .85
No. 1. ⅝ inch nickel, brass or imitation rubber buckles. Price per pair, .75
No. 1. ⅝ inch rubber buckles. Price per pair, .85

Box Loop Open Bridle Cheeks.

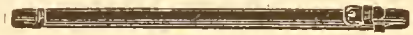
No. 2. ⅝ inch nickel or brass buckles. Price per pair, $ .75
No. 2. ¾ inch nickel or brass buckles. Price per pair, .85

Bridle Crowns.

No. 17. For ½ inch cheeks. Nickel, brass or imitation rubber buckles. Price each, $ .40
No. 17. For ⅝ inch cheeks. Nickel, brass or imitation rubber buckles. Price each, .50
No. 17. For ¾ inch cheeks. Nickel, brass or imitation rubber buckles. Price each, .50

Throat Latches.

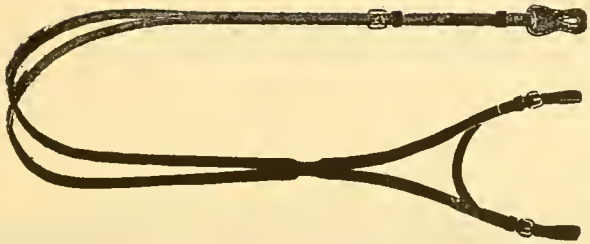
No. 19. ½ inch nickel or imitation rubber buckles. Price each, $ .35
No. 19. ⅝ inch nickel or imitation rubber buckles. Price each, .35
No. 20. ½ inch nickel or imitation rubber buckles, with loops for side check. Price each, .35
No. 20. ⅝ inch nickel or imitation rubber buckles, with loops for side check. Price each, .35



Curb Straps.

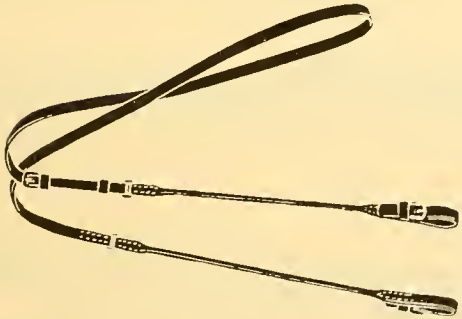
No. 11. ½ inch imitation rubber buckles. Price each, $ .35
No. 11. ⅝ inch imitation rubber buckles. Price each, .40

CHECK REINS, ETC.



Overdraw Checks.

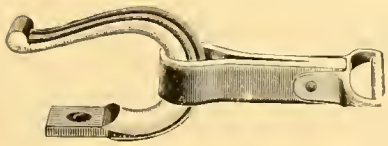
No. 25.	½ inch nickel, imitation rubber or brass buckles. Price each,	$ .85
No. 25.	⅝ inch nickel, imitation rubber or brass buckles. Price each,	.90
No. 25.	½ inch rubber buckles. Price each,	1.00
No. 25.	⅝ inch rubber buckles. Price each,	1.00
No. 35.	White rawhide, ½ inch nickel buckles. Price each,	1.00



Side Checks.

No. 45. Round.	½ inch nickel, imitation rubber or brass buckles. Price each,	$ .90
No. 45. Round.	⅝ inch nickel, imitation rubber or brass buckles. Price each,	1.00
No. 45. Round.	½ inch rubber buckles. Price each,	1.10
No. 45. Round.	⅝ inch rubber buckles. Price each,	1.10
No. 55. Flat team check.	¾ inch japanned roller buckles. Price each,	.65

Check Rein Ends.



Fogg's Patent.

With steel springs. Japanned, nickel of brass, ⅝ or ¾ inch loops. Price each, $ .15

Elgin Check Rein Springs.

Can be used on either overdraw or side check. Japanned. Price each, $ .25
Nickel. Price each, .25

REINS.

Russet Leather, 1 1-8 inch Hand Parts, 7-8 inch Fronts.

No. 2. Spring billets, imitation russet covered buckles. Price per pair, $2.00

No. 3315. Loose billets, nickel or brass buckles. Price per pair, 2.25

No 6. Spring billets, russet leather covered buckles. Price per pair, $2.50

No. 38. Loose billets, nickel or brass buckles. Price per pair, 3.50

Black Leather, 1 1-8 inch Hand Parts, 7-8 inch Fronts.

No. 2. Spring billets, black buckles. Price per pr., $2.00

No. 3315. Loose billets, nickel or brass buckles. Price per pair, 2.25

No. 40. Spring billets, imitation rubber buckles. Price per pair, 2.50

No. 38. Spring billets, rubber buckles. Price per pair, $3.50

No. 121. Loose billets, nickel or brass buckles. Price per pair, 3.50

Soft Hand Part Reins.

No. 3. Spring billets, 1⅛ inch russet plain folded hand parts, ⅞ inch russet fronts. Price per pair, $2.50

No. 4. Spring billets, 1⅛ inch russet plain folded hand parts, ⅞ inch black fronts. Price per pair, 2.50

No. 5. Spring billets, 1⅛ inch black plain folded hand parts, ⅞ inch black fronts. Price per pair, 2.50

No. 10. Spring billets, 1⅛ inch russet plain folded hand parts, ⅞ inch russet fronts. Price per pair, 3.50

No. 11. Spring billets, 1⅛ inch russet plain folded hand parts, ⅞ inch black fronts. Price per pair, 3.50

No. 12. Spring billets, 1⅛ inch black plain folded hand parts, ⅞ inch black fronts. Price per pair, $3.50

No. 20. Spring billets, 1⅛ inch russet folded layer hand parts, ⅞ inch russet fronts. Price per pair, 4.00

No. 21. Spring billets, 1⅛ inch russet folded layer hand parts, ⅞ inch black fronts. Price per pair, 4.00

No. 22. Spring billets, 1⅛ inch black folded layer hand parts, ⅞ inch black fronts. Price per pair, 4.00

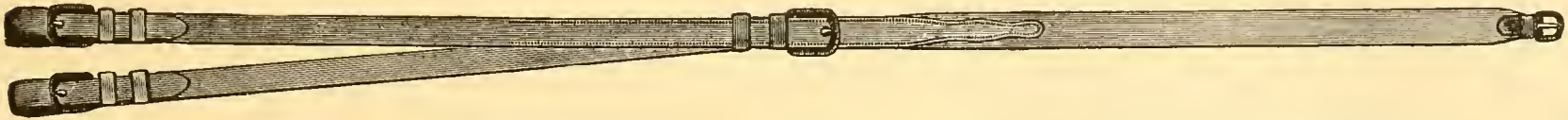
REINS.

No. S. Spring billets, 1⅛ inch flat hand parts, ¾ inch double and stitched flat fronts, russet or black. Price per pair, $4.00

No. 101. Spring billets, 1⅛ inch flat hand parts, ⅝ inch double and stitched beaded fronts, russet or black. Price per pair, $4.50
No. G. Spring billets, 1⅛ inch folded layer hand parts, ⅝ inch double and stitched beaded fronts, russet or black. Price per pair, 6.00

No. 3315. Express. Loose billets, 1⅛ inch hand parts, ⅞ inch fronts, nickel or brass buckles, black. Price per pair, $2.25

Double Driving Reins. Russet.



No. 6. Spring or loose billets, 1⅛ inch hand parts, ⅞ inch fronts, lined coupling, russet leather covered buckles. Price per set, $6.00

No. 35. Spring or loose billets, 1⅛ inch hand parts, ⅞ inch fronts, lined coupling, russet leather covered buckles. Price per set, 8.00

No. 24. Spring or loose billets, 1⅛ inch hand parts, ⅞ inch fronts, lined coupling, russet leather covered buckles. Price per set, $10.00

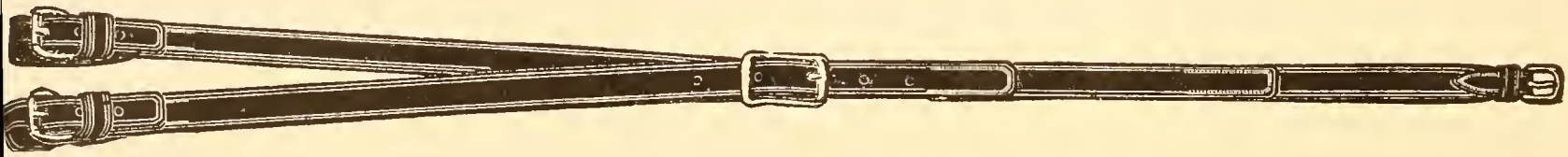
No. GG. Spring billets, folded hand parts with layer, ⅝ inch double and stitched beaded fronts, russet leather covered buckles. Price per set, 10.00

DOUBLE DRIVING REINS. Black.

No. 40. Spring or loose billets, 1⅛ inch hand parts, ⅞ inch fronts, lined coupling, imitation rubber buckles. Price per set, $5.50

No. 37. Spring or loose billets, 1⅛ inch hand parts, ⅞ inch fronts, lined coupling, rubber buckles. Price per set, $7.50

Double Team Reins.

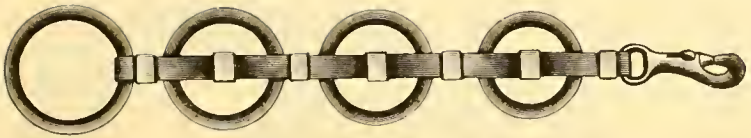


No. 43. Loose billets, 1 inch wide, 16 feet long, japanned roller buckles. Price per set, $4.00
Extra lengths to order.

Four Horse Team Reins.

No. 53. Loose billets, 1 inch wide, 30 feet long, japanned roller buckles. Price per set, $6.00
Other lengths to order.

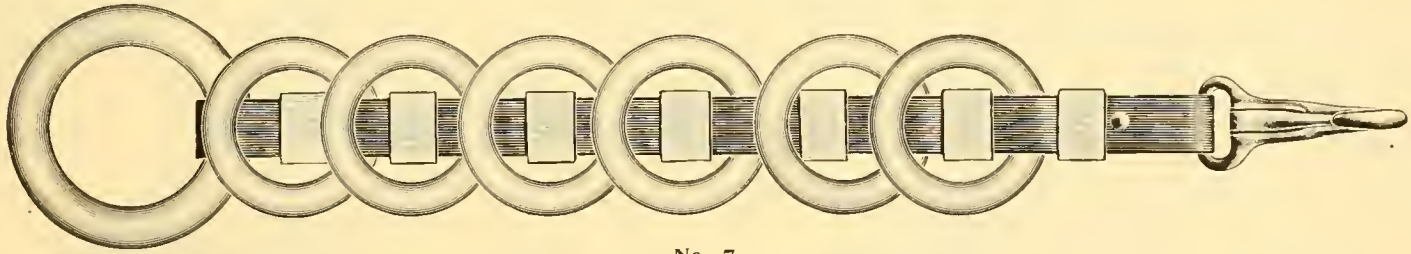
REIN SPREADERS.



No. 15. Four Rings.
No. 11 1-2. Three Rings.

No. 11½. Three enamelled rings in assorted colors on leather strap, brass slide loops. Length over all, 11½ inches. Price per pair, $ .65

No. 15. Four enamelled rings in assorted colors on leather strap, brass slide loops. Length over all, 14½ inches. Price per pair, $ .75



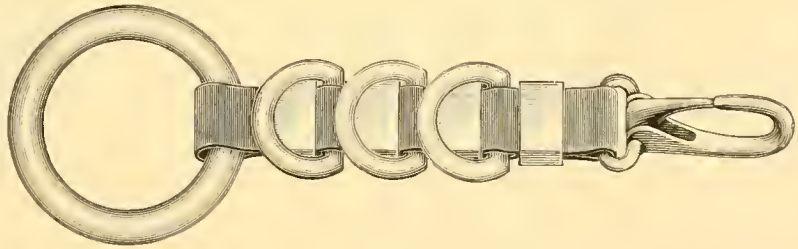
No. 7.

No. 7. Seven enamelled rings in assorted colors on leather strap, brass slide loops. Length over all, 11½ inches. Price per pair, $1.00.

No. 11. As above with eleven rings. Length over all, 15 inches. Price per pair, $1.35.

No. 8. White celluloid ring, three white celluloid dees, four celluloid slide loops, fancy red or blue strap. Length over all, 8 inches. Price per pair, $1.50

No. 12. White celluloid ring, five white celluloid dees, six celluloid slide loops, fancy red or blue strap. Length over all, 12 inches. Price per pair, $1.75



No. 8.

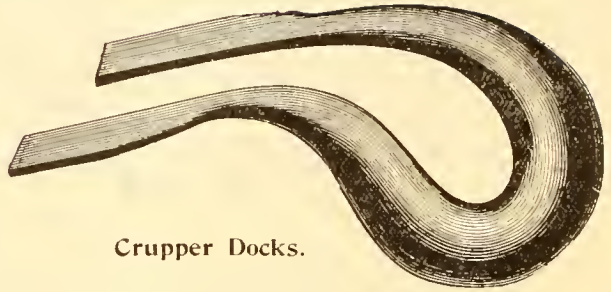
MARTINGALES, ETC.

Ring Martingales.

No. 1. Round forks, black rubber rings. Price each, $1.25
No. 2. Round forks, white celluloid rings. Price each, 1.50
No. 3. White rawhide, flat forks, white celluloid rings. Price each, 1.25

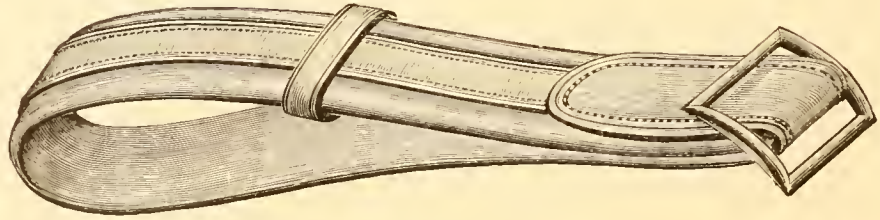
Bit Martingales.

No. 4. Rounded leather. Nickel or imitation rubber buckles. Price each, $1.00



Crupper Docks.

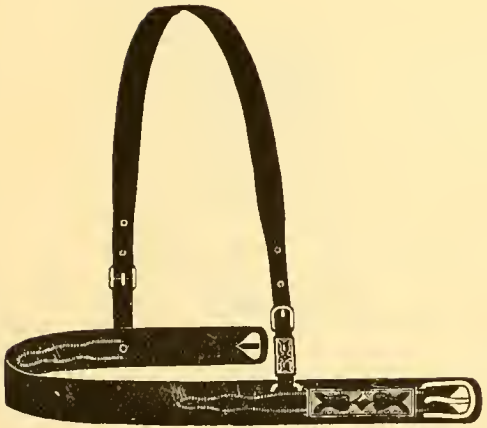
No. 1. Flaxseed stuffed, no buckles. Price each, $ .30
No. 1. With nickel or imitation rubber buckles. Price each, .40
No. 1. With genuine rubber buckles. Price each, .50



Rein Holders.

No. 1. Plain fold, russet or black. Price per pair, $ .90
No. 2. Folded with layer, russet or black. Price per pair, 1.00

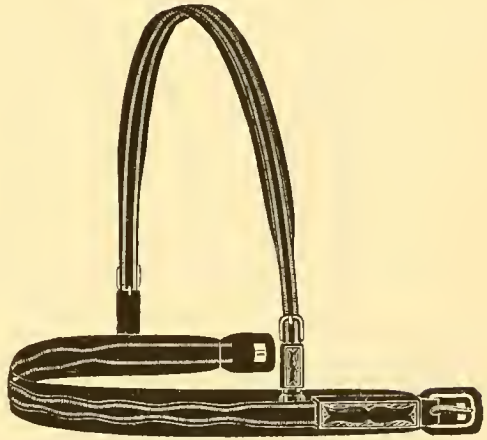
BREAST COLLARS.



No. 19 Buggy.

Single strap with box loops.

1⅛ inch nickel or imitation rubber buckles. Price each;	$3.00
1¼ inch nickel or imitation rubber buckles. Price each,	3.25
1⅛ inch rubber buckles. Price each,	3.50
1¼ inch rubber buckles. Price each,	3.75

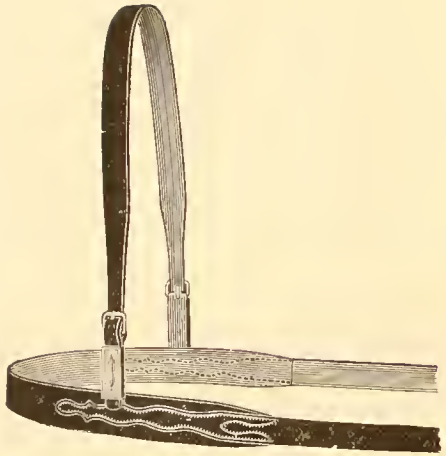


No. 20 Buggy.

Folded with layer, box loops.

1⅛ inch nickel or imitation rubber buckles. Price each,	$3.00
1¼ inch nickel or imitation rubber buckles. Price each,	3.25
1⅛ inch rubber buckles. Price each,	3.50
1¼ inch rubber buckles. Price each,	3.75

BREAST COLLARS.



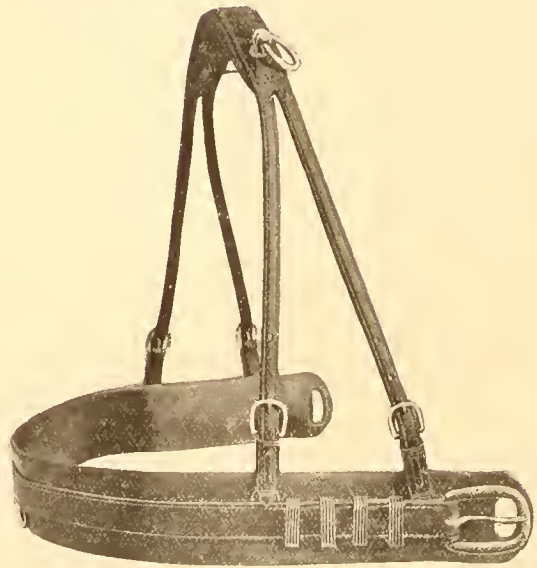
With traces attached.

No. 10. Single strap. 1⅛ inch traces stitched on with raised lap, nickel buckles on bearers. Price each, $5.00

No. 10. As above with rubber buckles on bearers. Price each, 5.00

No. 15. Folded with layer. 1⅛ inch traces stitched on, nickel buckles on bearers. Price each, 5.50

No. 15. As above with rubber buckles on bearers. Price each, 5.50



Swiss.

No. 5215. Folded with layer. Double and stitched neck strap points, 1¼ inch nickel or brass buckles. Price each, $5.50

No. 4004. Better grade. Solid nickel or English brass buckles. Price each, 7.00

BREAST COLLARS.

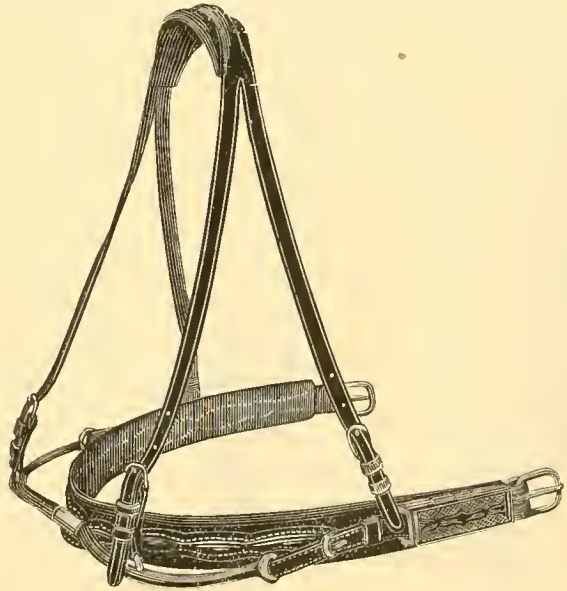
No. 32 Express.

Folded with layer, box loops.

1¼ inch nickel or brass buckles.	Price each,	$3.50
1⅜ inch nickel or brass buckles.	Price each,	3.75
1½ inch nickel or brass buckles.	Price each,	4.00

No. 33. As above with split neck strap.

1½ inch nickel or brass buckles.	Price each,	5.50

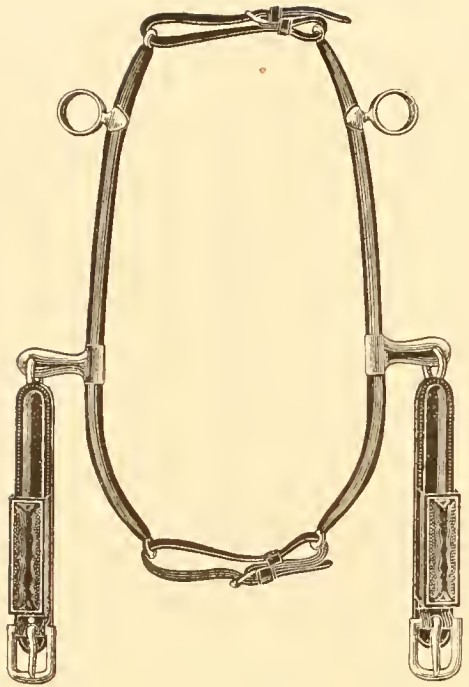


No. 1250 Double Buggy.

Folded with layer, box loops, japanned breast collar irons.

1⅛ inch nickle or imitation rubber buckles.	Price each,	$10.00
1¼ inch nickle or imitation rubber buckles.	Price each,	10.00
1⅛ inch rubber buckles.	Price each,	11.00
1¼ inch rubber buckles.	Price each,	11.00

IRON HAMES COMPLETE WITH HAME TUGS.



No. 80.

No. 80. Japanned body, nickel terrets and draft eyes, patent leather box loop hame tugs, leather straps, 1⅛ inch nickel buckles. Price per pair, $2.75

No. 80. With 1¼ inch nickel buckles. Price per pair, 3.00

No. 81. Full imitation rubber, patent leather box loop hame tugs, leather straps, 1⅛ inch imitation rubber buckles. Price per pair, 2.75

No. 81. With 1¼ inch imitation rubber buckles. Price per pair, 3.00

No. 82. Full nickel electro plate, patent leather box loop hame tugs, leather straps, 1⅛ inch nickel buckles. Price per pair, 3.50

No. 82. With 1¼ inch nickel buckles. Price per pair, 3.75

No. 83. Full nickel or brass close plate, patent leather box loop hame tugs, leather straps, 1⅛ inch nickel or brass buckles. Price per pair, 4.25

No. 83. With 1¼ inch nickel or brass buckles. Price per pair, 4.50

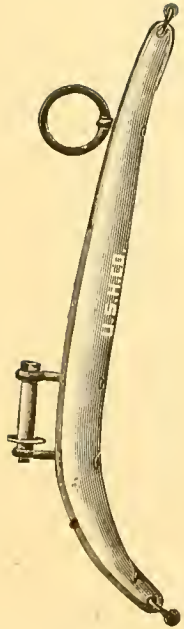
Iron Express Hames.

No. 90. Leather covered body, nickel or brass jug handle terrets and draft eyes, box loop hame tugs, leather straps, 1¼ inch nickel or brass buckles. Price per pair, $4.25

No. 90. With 1⅜ inch nickel or brass buckles. Price per pair, 4.50

No. 90. With 1½ inch nickel or brass buckles. Price per pair, 4.50

WOOD HAMES.

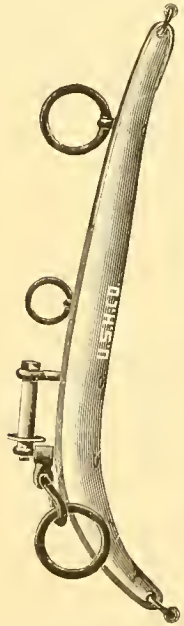


Low top Concord. For single harness. Painted black.

No. 5.	Price per pair,	$1.10
No. 6.	Price per pair,	1.20
No. 8.	Price per pair,	1.25
No. 9.	Price per pair,	1.25
No. 10.	Price per pair,	1.40

Brass or nickel long spot.

No. 5.	Price per pair,	$1.85
No. 6.	Price per pair,	1 90
No. 8.	Price per pair,	1.95
No. 9.	Price per pair,	2.00
No. 10.	Price per pair,	2.10

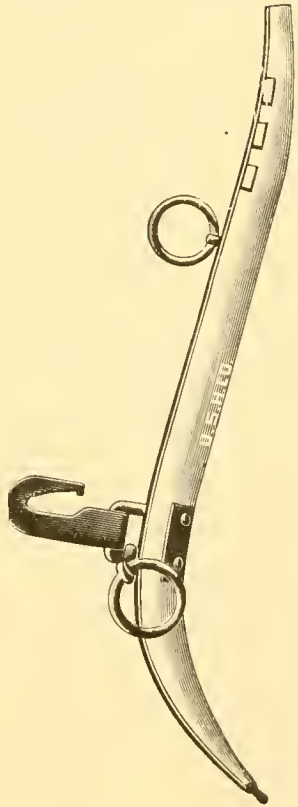


Low top Concord. For double harness. Painted black.

No. 5.	Price per pair,	$1.10
No. 6.	Price per pair,	1.20
No. 8.	Price per pair,	1.25
No. 9.	Price per pair,	1.25
No. 10.	Price per pair,	1.40

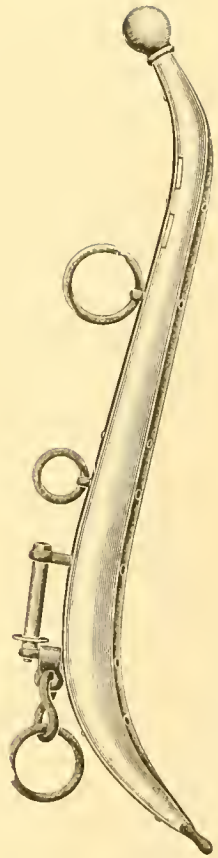
Brass or nickel long spot.

No. 5.	Price per pair,	$1.85
No. 6.	Price per pair,	1 90
No. 8.	Price per pair,	1.95
No. 9.	Price per pair,	2.00
No. 10.	Price per pair,	2.10



High top hook. For cart harness. Painted black.

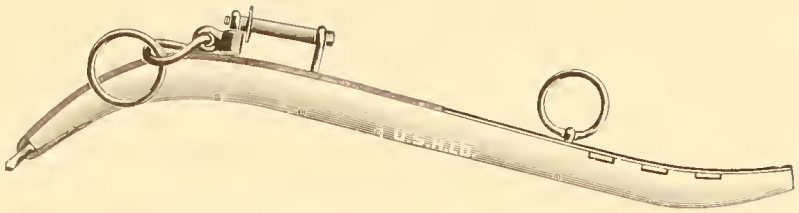
No. 6.	Price per pair,	$1.10
No. 8.	Price per pair,	1.20
No. 9.	Price per pair,	1.25
No. 10.	Price per pair,	1.35



No. 95. Steel bound. Painted red with black irons.

Brass ball.	Price per pair,	$1.35
Tinned ball.	Price per pair,	1.35

WOOD HAMES.



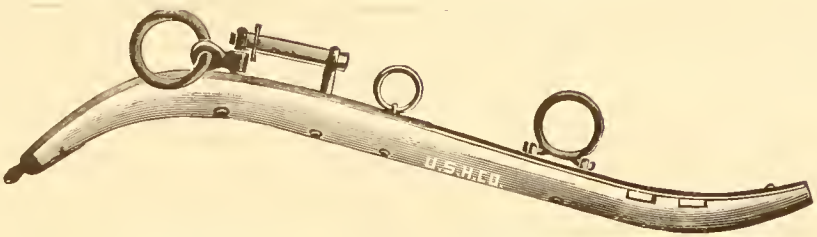
High Top Concord. For Single Harness.

Painted Black.

No. 5.	Price per pair,	$1.10
No. 6.	Price per pair,	1.20
No. 8.	Price per pair,	1.25
No. 9.	Price per pair,	1.25
No. 10.	Price per pair,	1.40

Brass or Nickel Long Spot.

No. 5.	Price per pair,	$1.85
No. 6.	Price per pair,	1.90
No. 8.	Price per pair,	1.95
No. 9.	Price per pair,	2.00
No. 10.	Price per pair,	2.10



High Top Concord. For Double Harness.

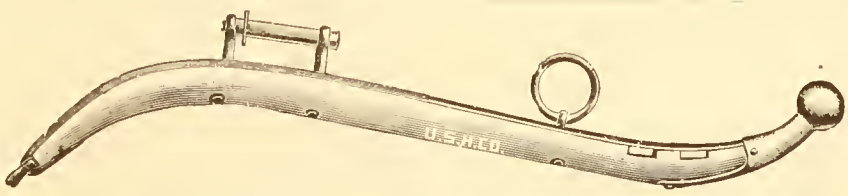
Painted Black.

No. 5.	Price per pair,	$1.10
No. 6.	Price per pair,	1.20
No. 8.	Price per pair,	1.25
No. 9.	Price per pair,	1.25
No. 10.	Price per pair,	1.40
No. 11.	Price per pair,	1.75
No. 12.	Price per pair,	2.00

Brass or Nickel Long Spot.

No. 5.	Price per pair,	$1.85
No. 6.	Price per pair,	1.90
No. 8.	Price per pair,	1.95
No. 9.	Price per pair,	2.00
No. 10.	Price per pair,	2.10

Mule length, same price.



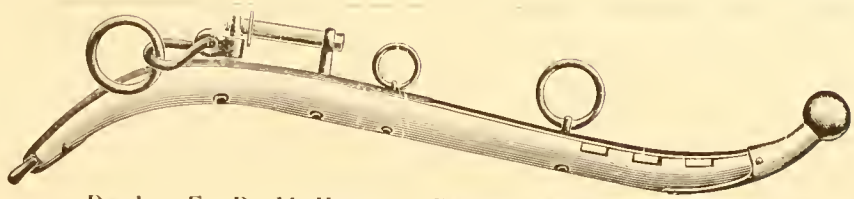
Dandy. For Single Harness. Painted Red with Black Irons.

Brass Long Spot.

No. 6.	Price per pair,	$2.25
No. 8	Price per pair,	2.35
No. 9.	Price per pair,	2.40
No. 10.	Price per pair,	2.50

Nickel Long Spot.

No. 6.	Price per pair,	$2.35
No. 8.	Price per pair,	2.45
No. 9.	Price per pair,	2.50
No. 10.	Price per pair,	2.60



Dandy. For Double Harness. Painted Red with Black Irons.

Brass Long Spot.

No. 6.	Price per pair,	$2.25
No. 8.	Price per pair,	2.35
No. 9.	Price per pair,	2.40
No. 10.	Price per pair,	2.50
No. 11.	Price per pair,	2.75
No. 12.	Price per pair,	3.00

Nickel Long Spot.

No. 6.	Price per pair,	$2.35
No. 8.	Price per pair,	2.45
No. 9.	Price per pair,	2.50
No. 10.	Price per pair,	2.60
No. 11.	Price per pair,	2.85
No. 12.	Price per pair,	3.10

Mule length, same price.

HAME TUGS AND STRAPS.

No. 4.

No. 2. Hame tug for iron hames, patent leather tug ends, box loops, japanned clips. For 1⅛ inch buckles. Price per pair, $1.25
No. 2. For 1¼ inch buckles. Price per pair, 1.25

No. 4. Hame tug for iron hames, patent leather tug ends, box loops, buckle safes, nickel or brass clips.
No. 4. For 1⅛ inch buckles. Price per pair, 1.50
No. 4. For 1¼ inch buckles. Price per pair, 1.50

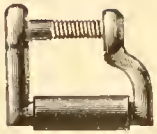
Hame Tugs for Wood Bolt Hames.

No. 61. Box loops, buckle safes, 1¼ inch nickel or brass buckles. Price per pair, $2.00
No. 61. Box loops, buckle safes, 1½ inch nickel or brass buckles. Price per pair, 2.25
No. 61. Box loops, buckle safes, 1¾ inch nickel or brass buckles. Price per pair. 2.50
No. 62. Box loops, buckle safes, 1¼ inch nickel or brass French wire buckles. Price per pair, 2.00
No. 62. Box loops, buckle safes, 1½ inch nickel or brass French wire buckles. Price per pair, 2.25
No. 62. Box loops, buckle safes, 1¾ inch nickel or brass French wire buckles. Price per pair, 2.50

Hame Straps.

Nickel, brass or imitation rubber buckles, ⅝ x 20 inches. Price per pair, $ .50
Rubber buckles, ⅝ x 20 inches. Price per pair, .50
Japanned roller buckles, ¾ x 20. inches. Price per pair, .40
Japanned roller buckles, ⅞ x 20 inches. Price per pair, .50
Japanned roller buckles, 1 x 24 inches. Price per pair, .50
Japanned roller buckles, 1⅛ x 24 inches. Price per pair, .50
Japanned roller buckles, 1¼ x 24 inches. Price per pair, .60
Japanned roller buckles, 1½ x 24 inches. Price per pair, .80

TRIMMINGS FOR WOOD HAMES.

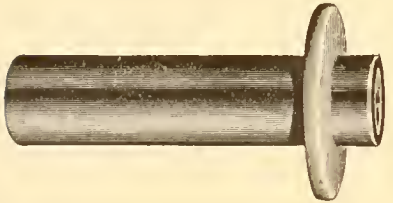


Bottom Loops.

With screw bolt. For 1, $1\frac{1}{8}$ or $1\frac{1}{4}$ inch strap. Price per pair, $ .10

Plain Bolt Rollers.

Sizes 2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$ or 3 inches. Price per pair, $ .10



Flanged Bolt Rollers.

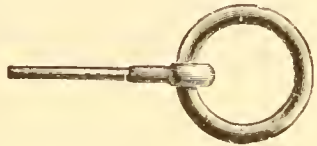
Sizes, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$ or 3 inches. Price per pair, $ .10

Bolts.

Lengths $3\frac{1}{4}$ to $4\frac{1}{2}$ inches. Price per pair, $. 10

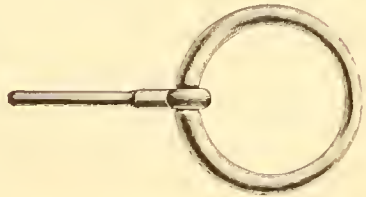
Bolt Starts.

Threaded or plain. Price per pair, $ .15



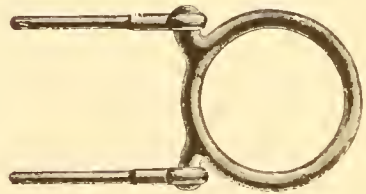
Back Strap Rings.

Iron, per pair, $ .10



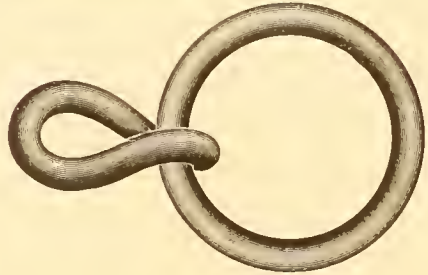
Single Stud Line Rings.

Iron, per pair,	$ .10
Solid brass, per pair,	.50
Nickel plated, per pair,	.50



Double Stud Line Rings.

Iron, per pair,	$ .10
Solid brass, per pair,	.50
Nickel plated, per pair,	.50



Pole Strap Links and Rings.

Wrought Iron, per pair, $ .15

HAME TRIMMINGS.

Inside Hame Clips.

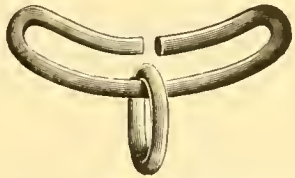
For 3½ lb. iron hames. Nickel or brass. Price per pair, $ .25
For 4 lb. iron hames. Nickel or brass. Price per pair, .30

Hame Chains.

For iron hames. Nickel or brass. Price each, $ .50

Hame Terrets.

For iron hames. Nickel, brass or imitation rubber.
For 3½ lb. hames. Price per pair, $ .50
For 4 lb. hames. Price per pair, .50



Kidney Links and Rings.

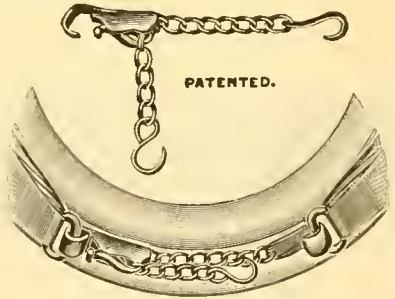
For iron hames. Nickel. Price each (one link and one ring), $ .75

Dandy Hame Tips.

Inside diameter,	1,	1⅛,	1¼	inches
Brass,	$1.00	1.00	1.10	per pair
Nickel,	1.00	1.00	1.10	per pair

Outside Hame Clips.

For 3½ lb. iron hames. Nickel or brass. Price per pair, $ .50
For 4 lb. iron hames. Nickel or brass. Price per pair, .50



Success Hame Fasteners.

For wood hames. Strong and easily adjusted. Price each, $ .50

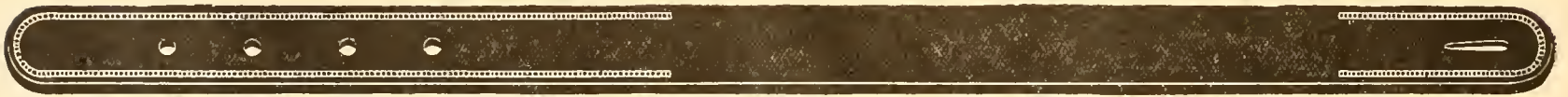
Ball Hame Tips.

Inside diameter,	1,	1⅛,	1¼	inches
Brass,	$ .50	.50	.60	per pair
Nickel,	.50	.50	.60	per pair

TRACES.

No. 10. Buggy, single strap, 6 feet long, 1⅛ inch. Price per pair, $2.50.
No. 11. Buggy, single strap, 6 feet long, 1¼ inch. Price per pair, 2.75.

No. 12. Buggy, double and stitched, 6 feet long, 1⅛ inch. Price per pair, $2 50.
No. 13. Buggy, double and stitched, 6 feet long, 1¼ inch. Price per pair, 3.00.



No. 15. Express, 6 feet long, 1⅜ inch single strap body, 1¼ inch buckle end. Price per pair, $3.50.
No. 16. Express, 6 feet long, 1⅜ inch single strap body, 1⅜ inch buckle end. Price per pair, 3.75.
No. 17. Express, 6 feet long, 1½ inch single strap body, 1½ inch buckle end. Price per pair, 3.75.
No. 18. Express, 6 feet long, 1¾ inch single strap body, 1½ inch buckle end. Price per pair, 4.00.
No. 19. Express, 6 feet long, 2 inch single strap body, 1½ inch buckle end. Price per pair, 4.00.
No. 20. Express, 6 feet long, 2½ inch single strap body, 1¾ inch buckle end. Price per pair, 5.00.

No. 21. Express, 6 feet long, 2 inch single strap body, 1½ inch buckle end. Price per pair, $4.00.
No. 22. Express, 6 feet long, 2½ inch single strap body, 1¾ inch buckle end. Price per pair, 5 00.

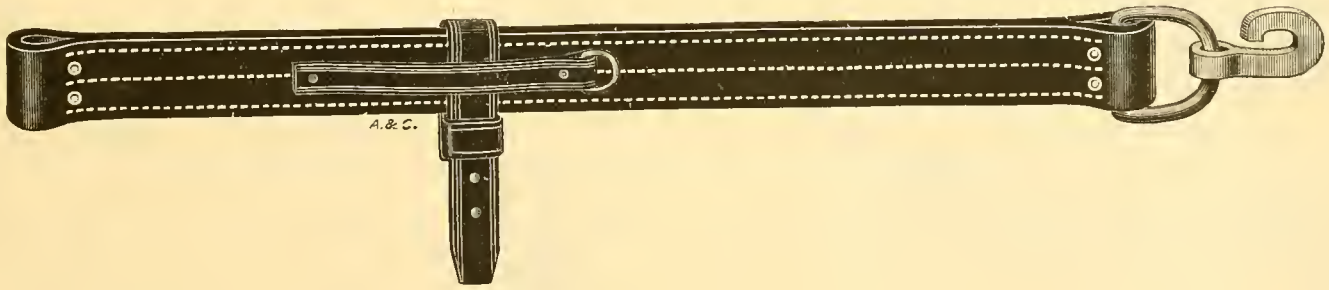
TRACES.

No. 30. **Express,** double and stitched, 6 feet long, wide shaft protector at forward end which bolts into hame, chain at rear, 1½ inch. Price per pair, $7.00

No. 31. **Express,** as above, 1¾ inch. Price per pair, 7.50

No. 32. **Express,** double and stitched, 6½ feet long, wide shaft protector at forward end which bolts into hame, cockeye at rear, 1½ inch. Price per pair, 7.00

No. 33. **Express,** as above, 1¾ inch. Price per pair, 7.50



TEAM TRACES.

No. 51. Double and stitched 2 rows, single strap girth attached, hook or dee at rear, 5 feet long—2 inch. Price per pair, $7.00

No. 52. Double and stitched 3 rows, single strap girth attached, hook or dee at rear, 5 feet long—2¼ inch. Price per pair, 8.00

No. 61. Double and stitched 2 rows, single strap girth attached, hook or dee at rear, 6 feet long—2 inch. Price per pair, 8.00

No. 62. Double and stitched 3 rows, single strap girth attached, hook or dee at rear, 6 feet long—2¼ inch. Price per pair, 9.00

SHAFT TUGS.

No. 7.

No. 7 Portland.

Double and stitched, box loops, solid billets, nickel, brass or imitation rubber buckles.

⅞ inch. Price per pair,	$1.00
1 inch. Price per pair,	1.00
1⅛ inch. Price per pair,	1.15
1¼ inch. Price per pair,	1.25

With Rubber Buckles.

⅞ inch. Price per pair,	$1.25
1 inch. Price per pair,	1.25
1⅛ inch. Price per pair,	1.40
1¼ inch. Price per pair.	1.50

No. 8.

No. 8. Track, for wrap or Griffeth girth. Double and stitched, box loops, nickel, brass or imitation rubber buckles.

⅞ inch. Price per pair,	$1.00
1 inch. Price per pair,	1.00

With Rubber Buckles.

⅞ inch. Price per pair,	$1.25
1 inch. Price per pair,	1.25

No. 9.

No. 9 Express.

Double and stitched, dee billets, nickel or brass centre bar buckles.

1¼ inch. Price per pair,	$1.75
1⅜ inch. Price per pair,	2.00
1½ inch. Price per pair,	2.00

No. 10. Express.

Double and stitched, dee billets, japanned roller buckles. 1½ inch. Price per pair, $1.50

Metallic.

Metallic.

1¼ inch, brass buckles. Price per pair,	$2.00
1½ inch, brass buckles. Price per pair,	2.00
1¾ inch, brass buckles. Price per pair,	2.25
1¼ inch, nickel buckles. Price per pair,	2.00
1½ inch, nickel buckles. Price per pair,	2.00
1¾ inch, nickel buckles. Price per pair,	2.25

GIRTHS.

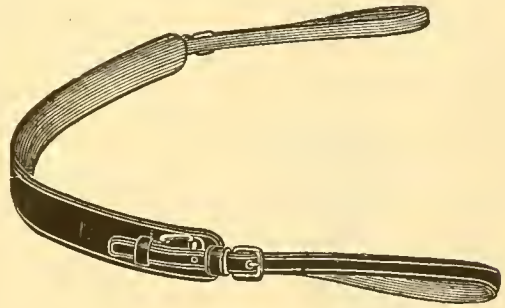
No. 41.	Folded, leather loops.	⅞ inch nickel or imitation rubber buckles.	Price per pair, $1.00
No. 41.	Folded, leather loops.	1 inch nickel or imitation rubber buckles.	Price per pair, 1.15
No. 42.	Folded, leather loops.	1 inch japanned roller buckles.	Price per pair, 1.00
No. 42.	Folded, leather loops.	1⅛ inch japanned roller buckles.	Price per pair, 1.15
No. 42.	Folded, leather loops.	1¼ inch japanned roller buckles.	Price per pair, 1.25
No. 42.	Folded, leather loops.	1½ inch japanned roller buckles.	Price per pair, 1.50

No. 44.

Inside folded, outside single leather, looped together, nickel or imitation rubber buckles.

⅞ inch. Price per pair, $1.00

1 inch. Price per pair, 1.15



No. 43.

Griffeth. Folded, leather loops, ⅞ inch single billets, nickel or imitation rubber buckles. Price each, $1.75

Rubber buckles. Price each, 2.00

TRACE GIRTHS.

No. 45.	Single leather, japanned roller buckles.	1¼ inch. Price each,	$1.00
No. 45.	Single leather, japanned roller buckles.	1½ inch. Price each,	1.00

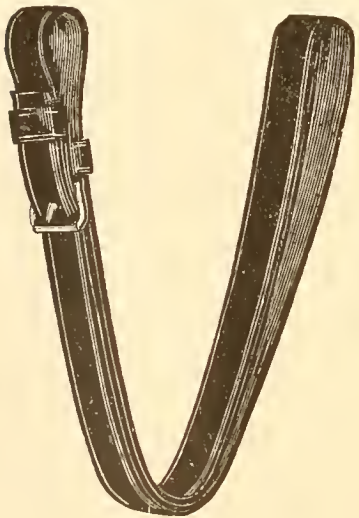
BREECHING STRAPS, ETC.

No. 7. Breeching Straps.

No. 7. Single strap, leather loops, ⅞ inch nickel or imitation rubber buckles. Price per pair, $1.00
No. 7. Single strap, leather loops, 1 inch nickel or imitation rubber buckles. Price per pair, 1.00
No. 8. Single strap, leather loops, 1 inch japanned roller buckles. Price per pair, 1.00
No. 8. Single strap, leather loops, 1⅛ inch japanned roller buckles. Price per pair, 1.15
No. 8. Single strap, leather loops, 1¼ inch japanned roller buckles. Price per pair, 1.25
No. 8. Single strap, leather loops, 1½ inch japanned roller buckles. Price per pair, 1.50

Long Breeching or Side Straps for Double Team Harness.

No. 43. Heavy single strap, heavy breeching hook on forward end and snap at rear, 5½ feet in length, 2 inches wide. Price per set of four, $ 9.00
No. 45. Heavy single strap, heavy breeching hook on forward end and snap at rear, 5½ feet in length, 2¼ inches wide. Price per set of four, 10.00



No. 6. Team Pole Straps.

Single leather, 4 feet 10 inches long, japanned roller buckles.
1½ inch. Price per pair, $2.00
1¾ inch. Price per pair, 2.25

No. 7. Buggy Yoke Straps.

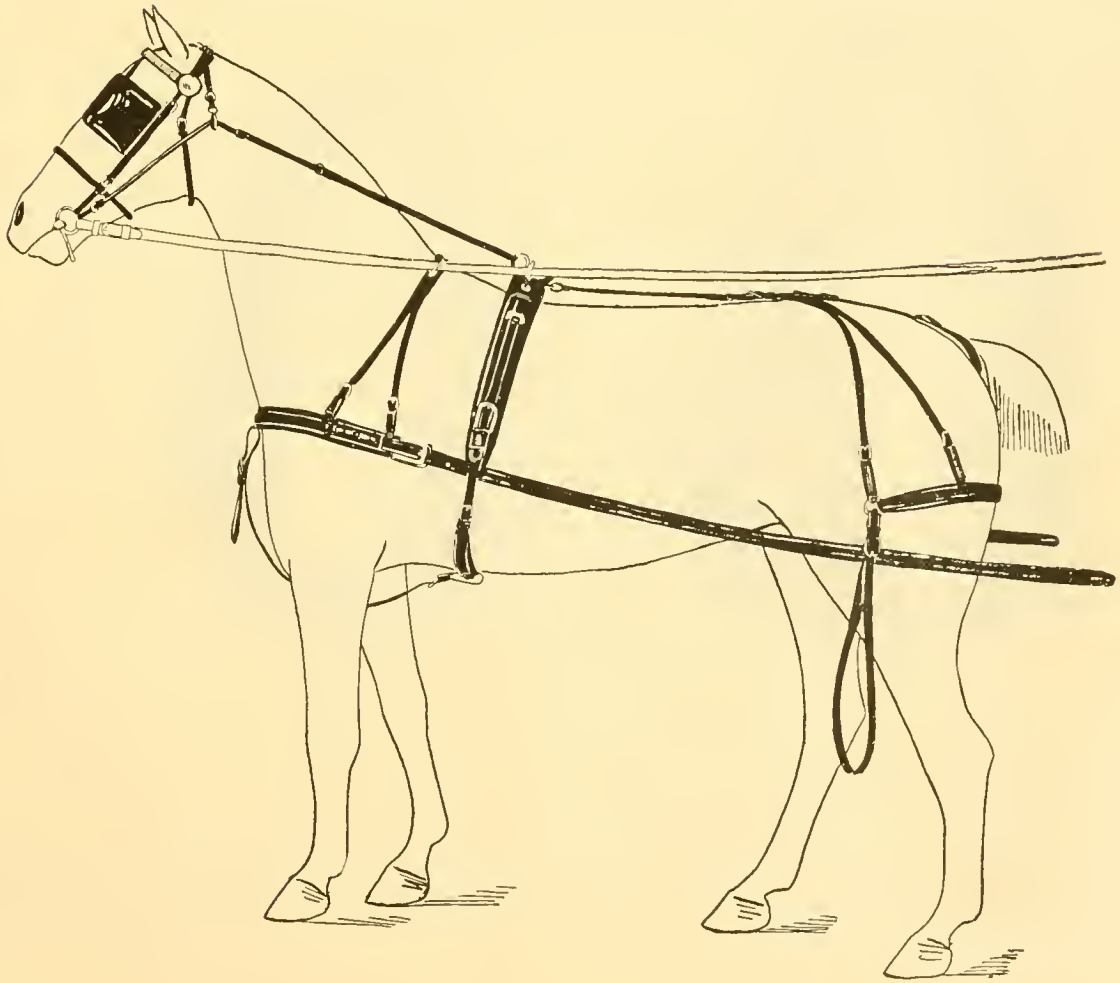
Single leather, 3½ feet long, nickel buckles.
1¼ inch. Price per pair, $1.75
1½ inch. Price per pair, 2.00

No. 4. Lazy Straps.

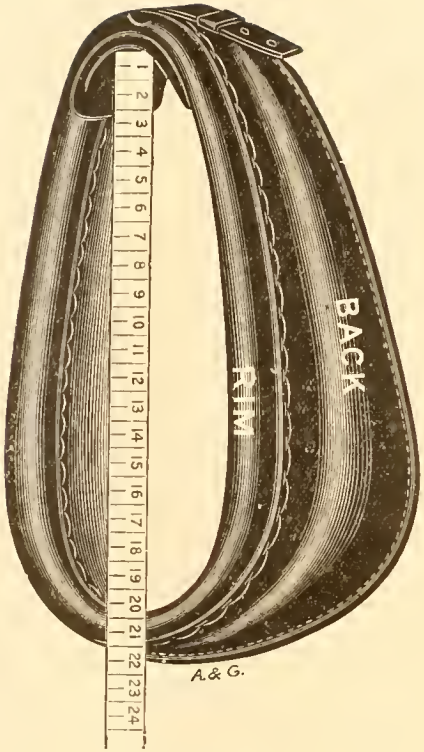
Single leather, 3 feet long, japanned roller buckles.
1 inch. Price per pair, $ .80

HARNESS.

We make a specialty of Harness, carrying a large stock of the many styles and grades necessary to meet the demands of the Trade. Everything from the Light Track to the Heaviest Team Harness may be found in our line. We issue annually an illustrated descriptive catalog of these goods which we will be happy to send to the Trade upon application.

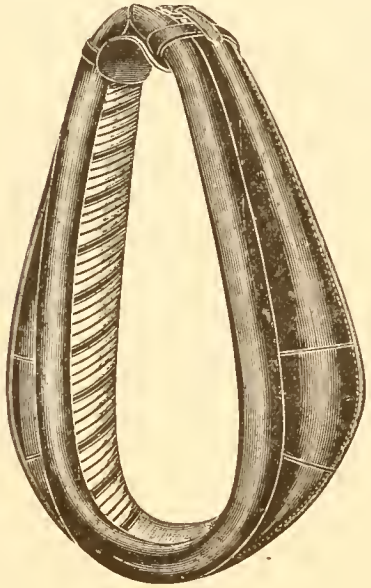


HORSE COLLARS.



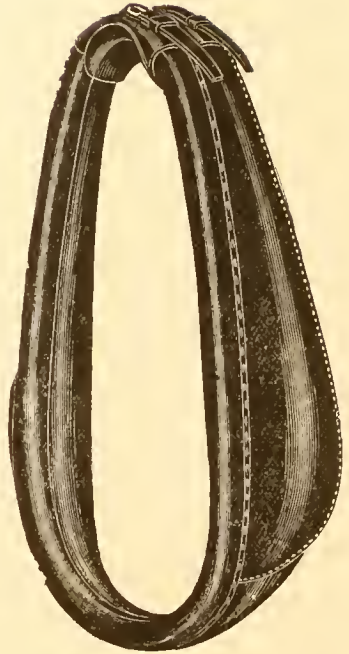
Measurements.

To measure a collar, place the end of the rule against the inside of the top of the collar and measure to the inside of the rim at the throat. This will give the size of the collar in inches, which should correspond with the measurements of the horse's neck.



No. 29.

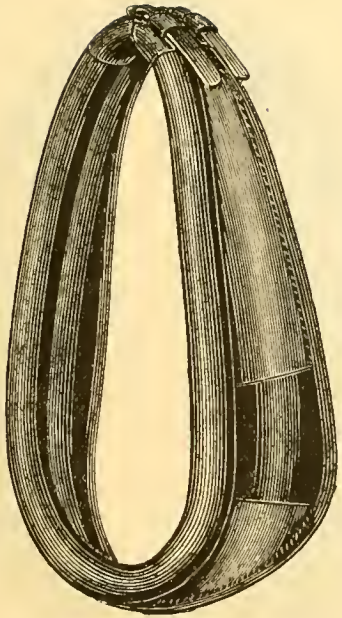
Split leather back and rim, ticking face, open top with patent fastener. Draft about 15 inches. Price each, $1.25



No. 79 Wagon.

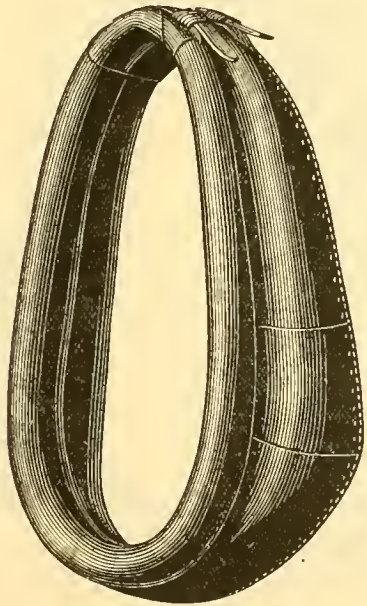
Black kip back, rim and face, buckle top. Draft about 12 inches. Price each, $2.00

HORSE COLLARS.



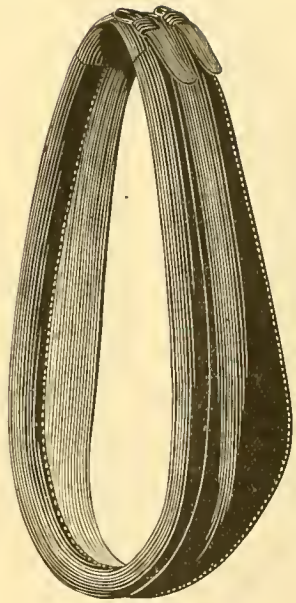
No. 31.

All hogskin, black back and rim, russet face, buckle top. Draft about 14 inches. Price each, $2.25



No. 11 Team.

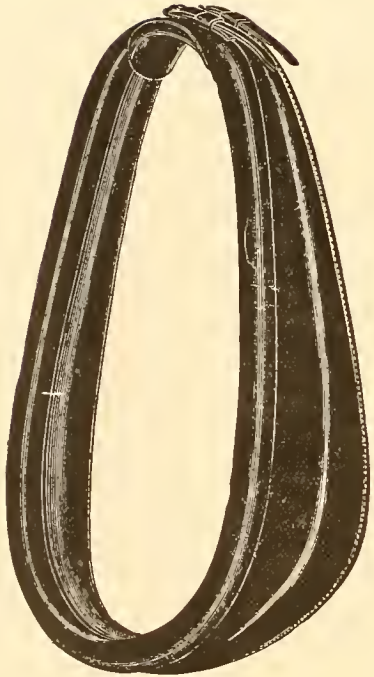
Black kip back and rim, russet leather face, open top with patent fastener. Draft about 15 inches. Price each, $3.00



No. 86 Grocery.

Black neats' leather back, rim and face, turned edge. Draft about 12 inches. Open buckle top. Price each. $2.75
Closed top. Price each, 3.00

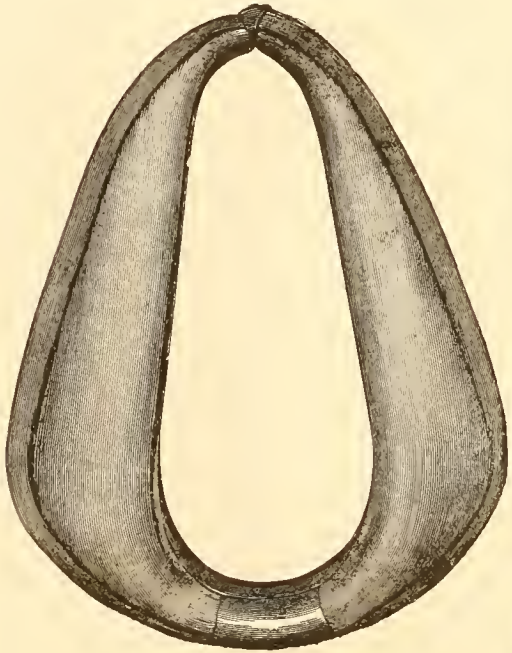
HORSE COLLARS.



No. 07 Fall River.

Black neats' leather back, rim and face, turned edge. Draft about 14 inches.

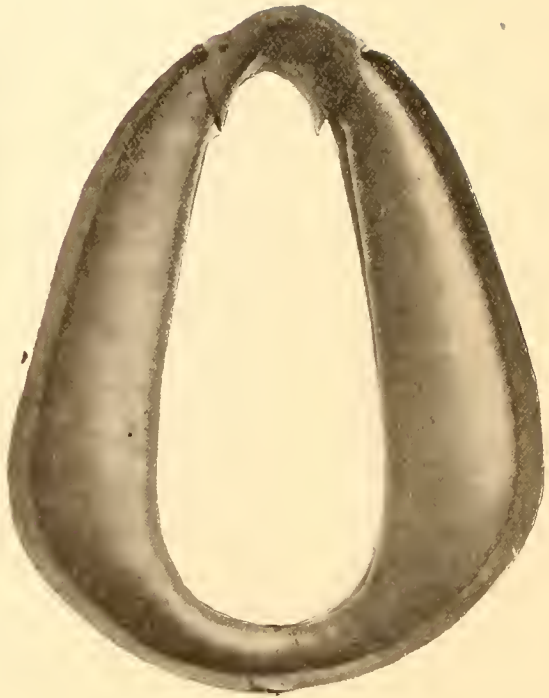
Open buckle top. Price each, $3.00
Closed top. Price each, 3.50



No. C Bangor Team.

Black grain leather back, rim and face, open top with patent fastener, wool face. Draft about 15 inches.

Price each, (under 23 inches), $3.50
23 inches. Price each, 4.00

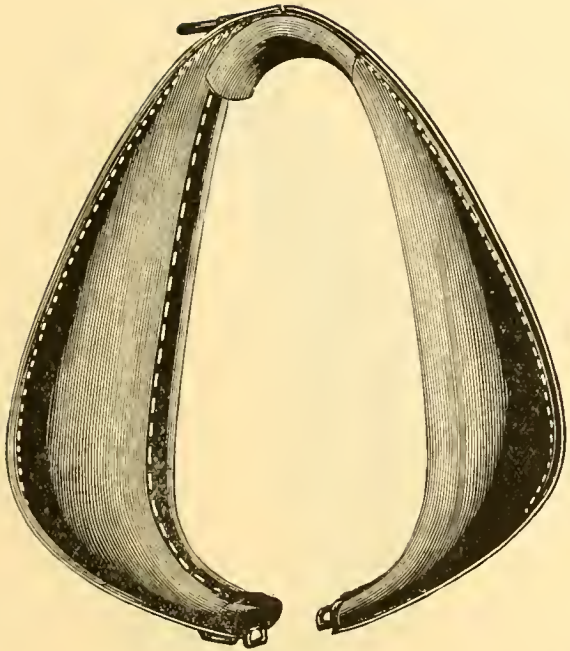


No. B Bangor Team.

Black grain leather back, rim and face, open top with patent fastener, wool face. Draft about 16 inches.

Price each, (under 23 inches), $3.75
23 inches. Price each, 4.25
24 inches. Price each, 4.75

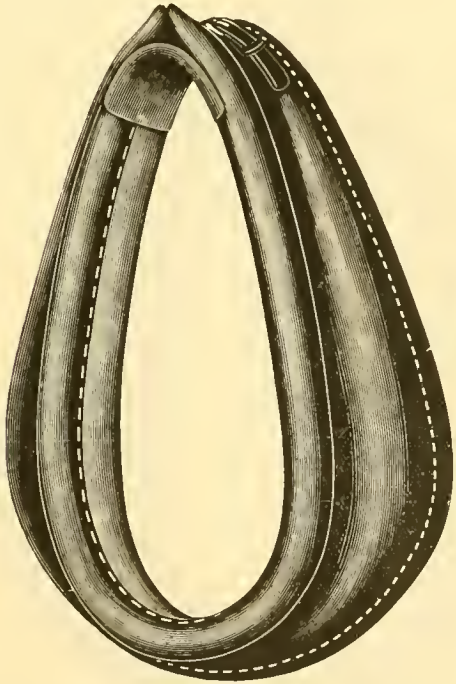
HORSE COLLARS.



No. 60 Open Throat Bangor.

Black grain leather back, rim and face, open top, Blair's patent collar coupling at throat. Draft about 16 inches.

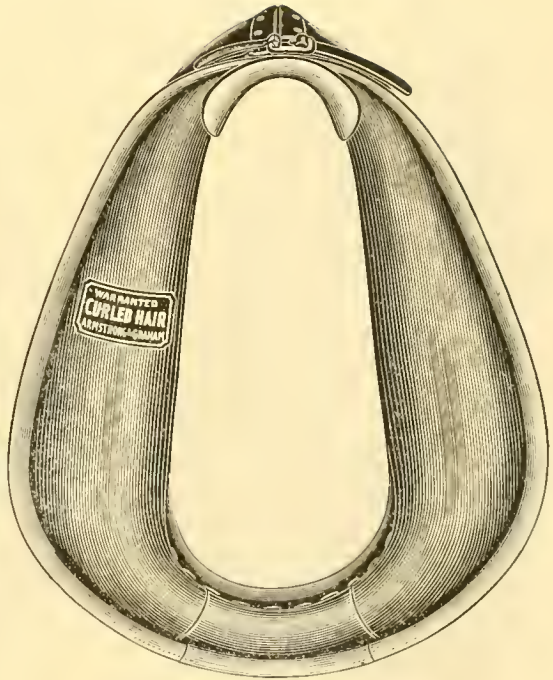
Price each, (sizes under 23 inches),	$4.25
23 inches. Price each,	4.75
24 inches. Price each,	5.25



No. 21. Imitation Boston Truck.

Black grain leather back, rim and face, open top with patent fastener, wool face. Draft about 17 inches.

Price each, (sizes under 23 inches),	$4.25
23 inches,	4.75
24 inches,	5.25

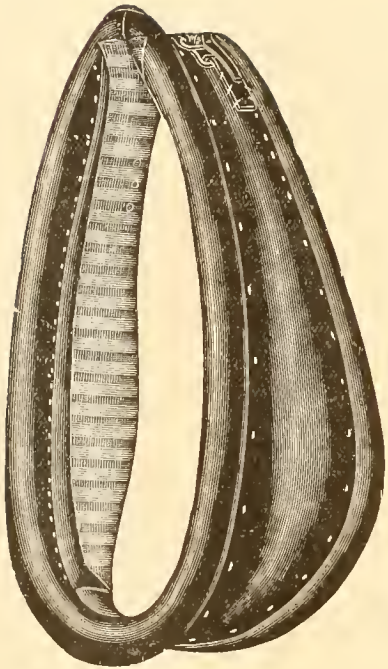


Bailey Team.

Black grain leather back, rim and face, open top with patent fastener, double liner with a pocket of genuine curled hair. Draft about 16½ inches.

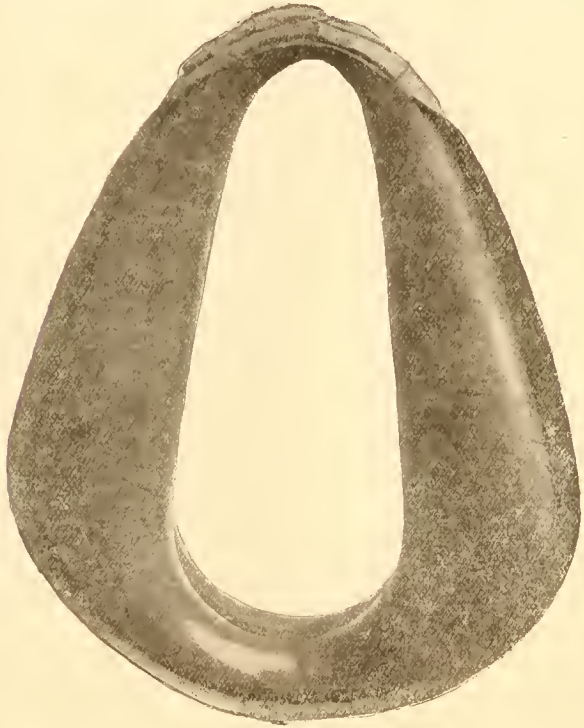
Price each, (sizes under 23 inches),	$4.50
23 inches. Price each,	5.00
24 inches. Price each,	5.50

HORSE COLLARS.



No. 28 Irish Team.

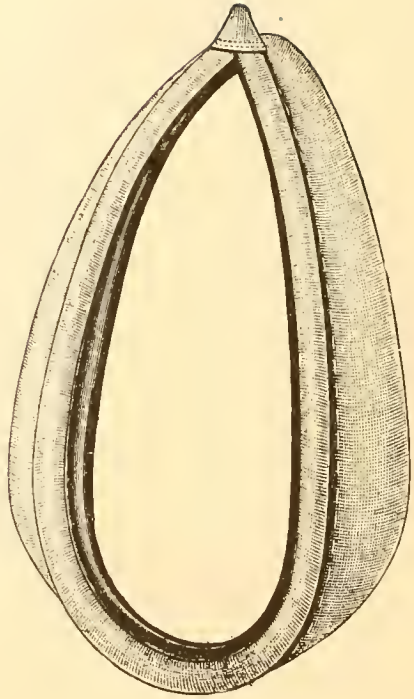
Black grain leather back and rim, ticking face, open top with patent fastener, curled hair face. Draft about 17 inches. Price each, $4.50



No. 1 Boston Truck.

Black grain leather back, rim and face, open or closed top. Draft about 17½ inches.

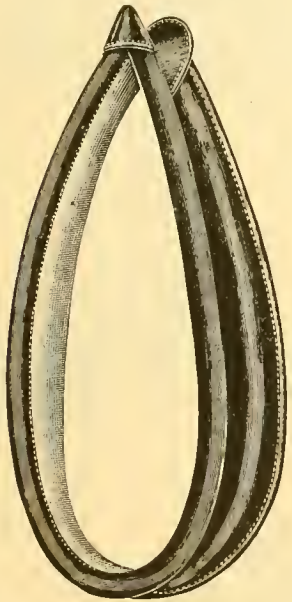
Price each, (sizes under 23 inches)	$5.00
23 inches. Price each,	5.50
24 inches. Price each,	6.00



No. 6 White Duck.

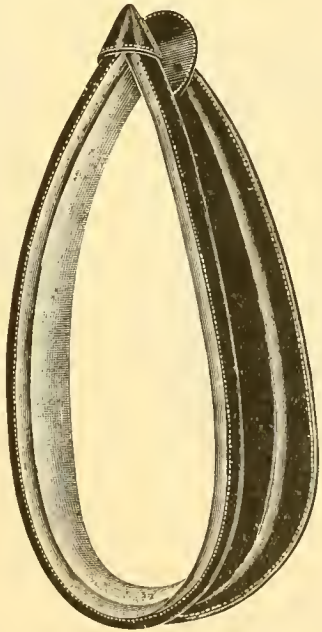
White duck back and rim, russet leather face, turned edge, closed top. Draft about 11½ inches. Price each, $3.00

HORSE COLLARS.



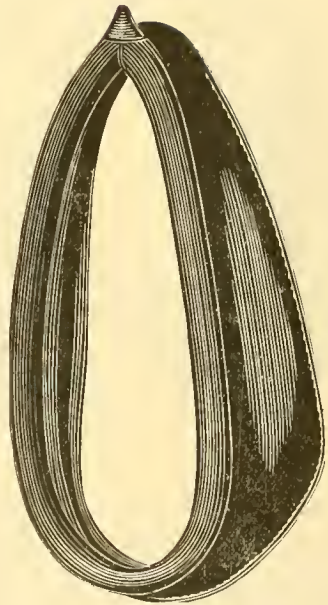
No. 80 Buggy.

Patent leather back and rim, russet sheepskin face, stitched edge, closed top. Draft about 9½ inches. Price each, $2.50



No. 20 Buggy.

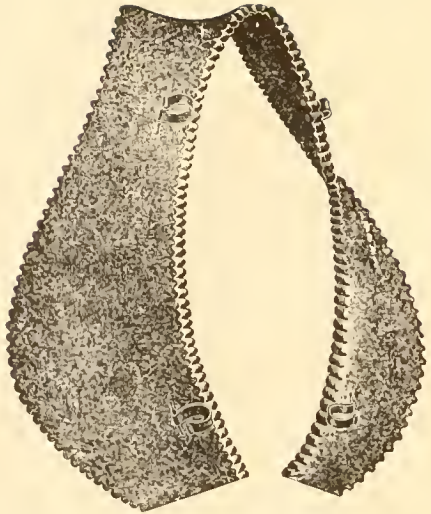
Patent leather back, princess rim, russet kip face, turned edge, closed top. Draft about 10 inches. Price each, $3.75



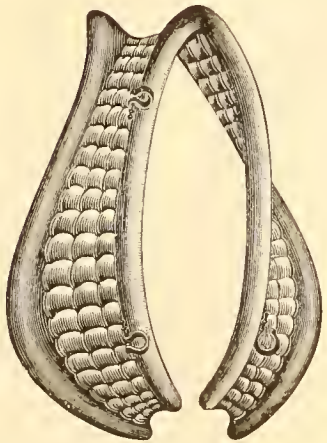
No. 10 Surry.

Patent leather back and rim, russet kip face, turned edge, closed top. Draft about 11½ inches. Price each, $3.75

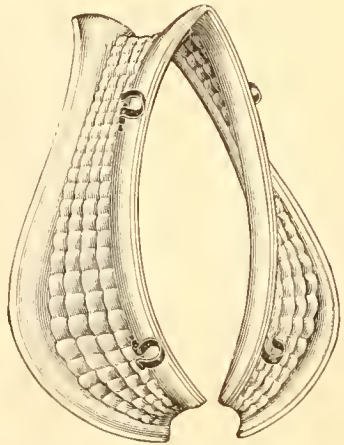
COLLAR PADS.



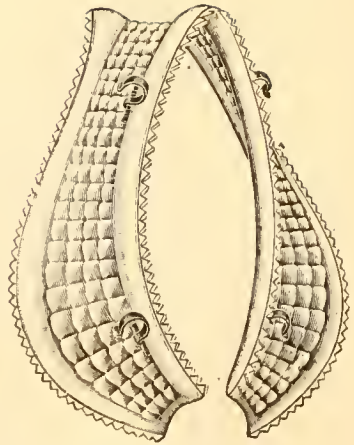
Fawn wool felt, 11 inch draft. Sizes, 19 to 24 inches. Price each, $ .60
Fawn wool felt, 9 inch draft. Sizes, 19 to 23 inches. Price each, .50
Blue wool felt, 7 inch draft. Sizes, 19 to 23 inches. Price each, .50



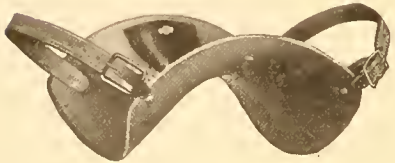
Brown and white drill, hair stuffed, 12 inch draft. Sizes, 19 to 25 inches. Price each, $ .50



Old gold drill, red edge, hair stuffed, 12 inch draft. Sizes, 19 to 25 inches. Price each, $ .50



Old gold "Feltless," red edge, hair stuffed, 12 inch draft. Sizes, 19 to 25 inches. Price each, $ .50



Sole Leather.

For top of collar.

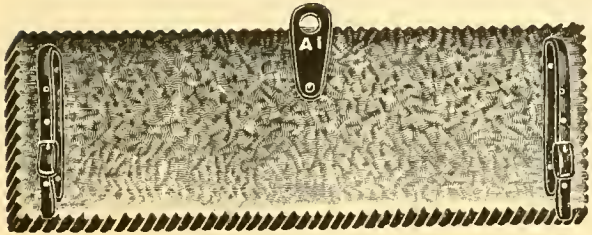
No. 3. 5 inch. Price each, $ .50
No. 4. 5½ inch. Price each, .50
No. 5. 6 inch. Price each, .50
No. 6. 6½ inch. Price each, .60

Zinc.

For top of collar.

No. 6. 4⅜ inch. Price each, $ .50
No. 6½. 4¾ inch. Price each, .50
No. 7. 5⅛ inch. Price each, .50
No. 7½. 5½ inch. Price each, .60
No. 8. 6 inch. Price each, .60
No. 8½. 6½ inch. Price each, .65

SADDLE PADS.

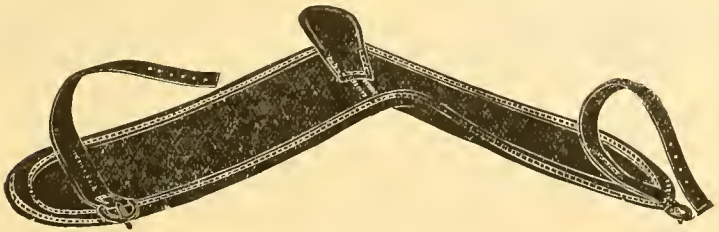


Plain Felt.

Assorted colors, 4½x14 inches. Price each, $.20 5½x16 inches. Price each, $.25
Extra heavy fawn, 4½x14 inches. Price each, .25

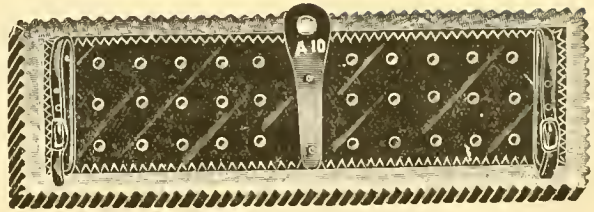
Plush Roll.

Patent leather top, felt bottom, fancy colored plush edge; length, 14 inches; widths, 3½, 4, 4½ and 5 inches. Price each, $.60



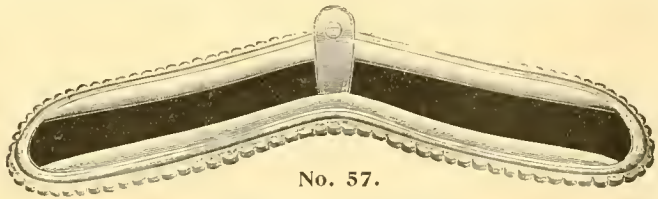
No. 49.

Patent leather top, rawhide lined, fancy colored binding; length, 14 inches; widths, 4, 4½ and 5 inches. Price each, $.75



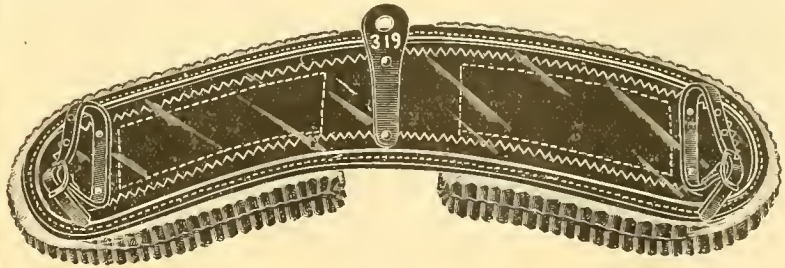
Patent Leather Top.

Assorted colors, felt bottom. Size 4½x14 inches. Price each, $.25
Size 4½x18 inches. Price each, $.30 Size 5½x16 inches. Price each, .35



No. 57.

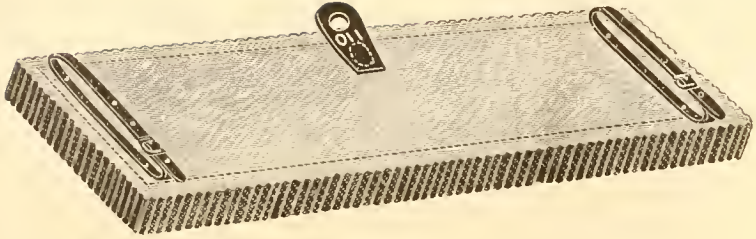
Patent leather top with raised white patent leather roll, fine white felt bottom; length, 16 inches; width, 4, 4½ and 5 inches. Price each, $.75



No. 106.

Patent leather top, turned back felt bottom; length, 14 inches; widths, 4, 4½ and 5 inches. Price each, $.60

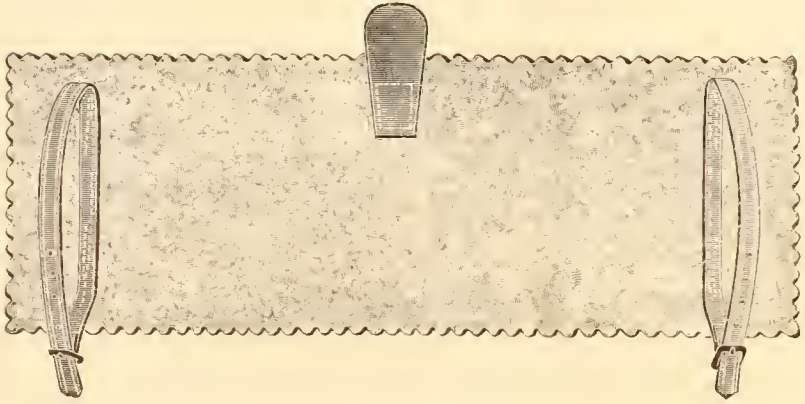
EXPRESS SADDLE PADS.



No. 011.

Heavy gray felt with leather straps. Length, 20 inches.

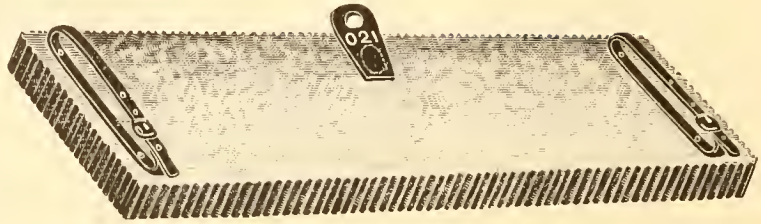
Width, 5 inches.	Price each,	$ .40
Width, 6 inches.	Price each,	.40
Width, 7 inches.	Price each,	.50
Width, 8 inches.	Price each,	.50



No. 103.

Extra heavy and thick fawn felt with leather straps. Length, 20 inches.

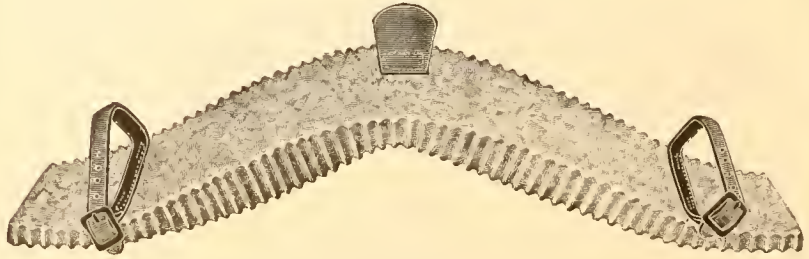
Width, 5 inches.	Price each,	$ .60
Width, 6 inches.	Price each,	.65
Width, 7 inches.	Price each,	.75
Width, 8 inches.	Price each,	.75



No. 021.

Heavy fawn felt with leather straps. Length, 20 inches.

Width, 5 inches.	Price each,	$ .50
Width, 6 inches.	Price each,	.50
Width, 7 inches.	Price each,	.60
Width, 8 inches.	Price each,	.65



No. 94.

Double graduated fawn felt with leather straps. Length, 20 inches.

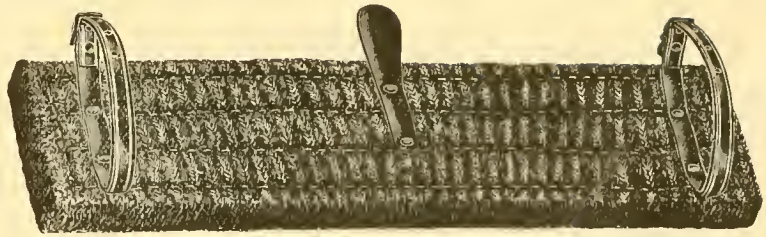
Width, 5 inches.	Price each,	$ .50
Width, 6 inches.	Price each,	.60
Width, 7 inches.	Price each,	.60
Width, 8 inches.	Price each,	.65

EXPRESS SADDLE PADS.

Larkin's Patent.

Does not touch the back-bone. Keeps the center of the saddle away from the horse. Blue or fawn felt.

Sizes, 4½ and 5. Price each,	$ .75
Sizes, 6, 7 and 8. Price each,	.85

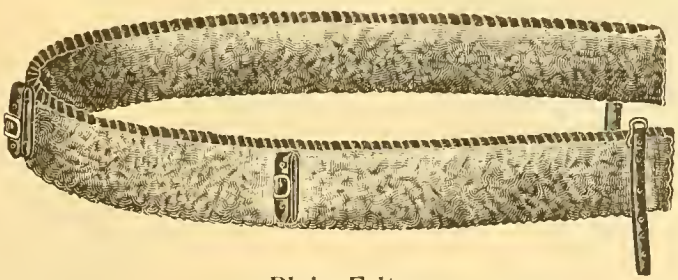


Curled Hair.

Made from natural color especially prepared South American horse hair. Possesses remarkable curative properties and can be easily cleansed by washing. Length, 20 inches.

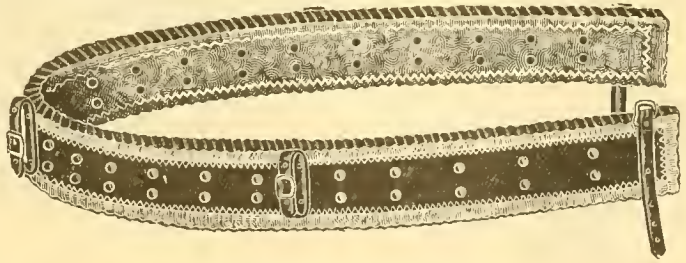
Width, 5 inches. Price each,	$ .60
Width, 6 inches. Price each,	.65
Width, 7 inches. Price each,	.75
Width, 8 inches. Price each,	.75

BREAST COLLAR PADS.



Plain Felt.

Assorted colors. Length, 36 inches. Width, 3 inches. Price each, $ .35



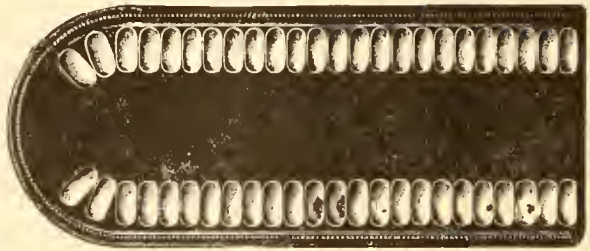
Patent Leather Top.

Assorted colors felt bottom. Length, 36 inches. Width, 3 inches. Price each, $ .50

COACH PAD HOUSINGS.

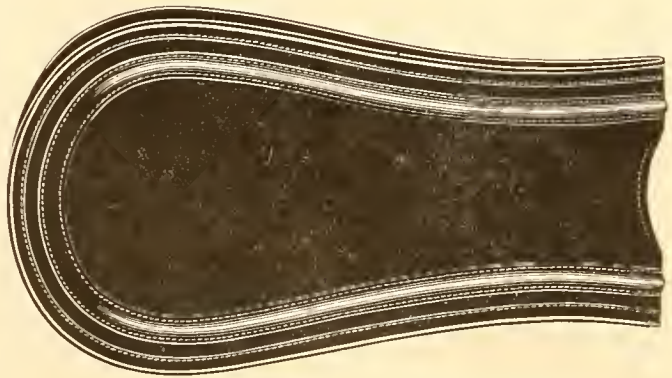
Patent leather. Red, yellow, black or white layer.

No. 511.	Width, 3 inches. Price per pair,	$1.50
No. 512.	Width, 3½ inches. Price per pair,	1.75
No. 513.	Width, 4 inches. Price per pair,	2.00



Patent leather. Nickel or brass chain edge.
(Various patterns of chains.)

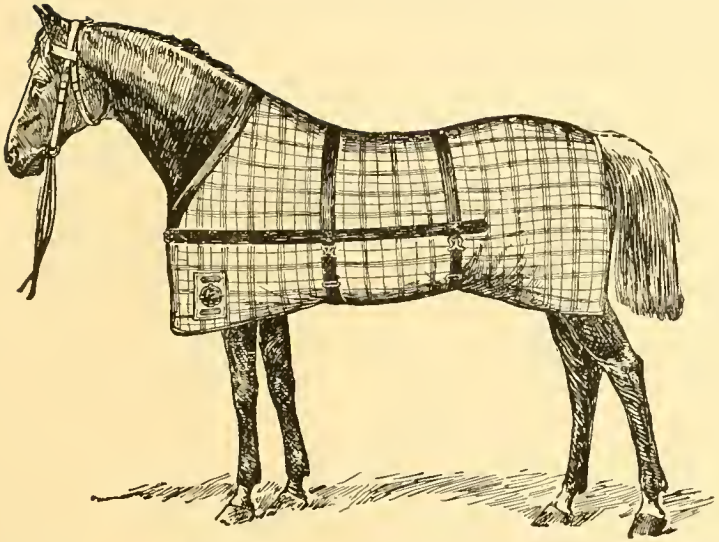
Width, 4 inches. Price per pair,	$2.75
Width, 4½ inches. Price per pair,	2.75
Width, 5 inches. Price per pair,	3.00

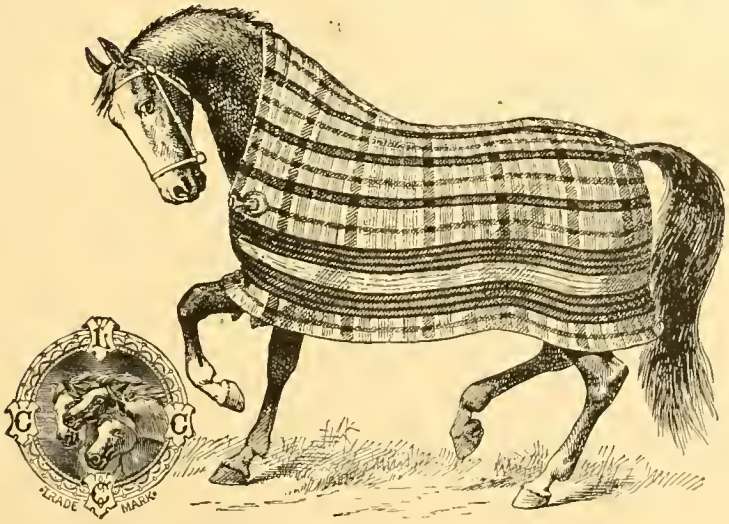


Swell End Coach or Team Housings.

Patent leather. Red, yellow or white binding and layer.

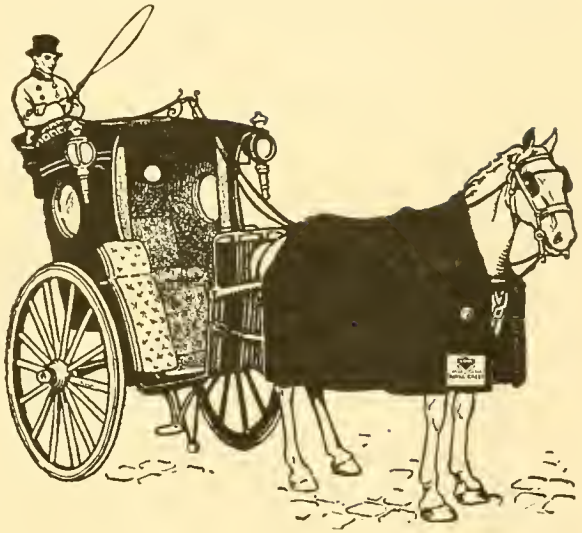
No. 205. Width across swell, 5½ inches. Price per pair, $1.75

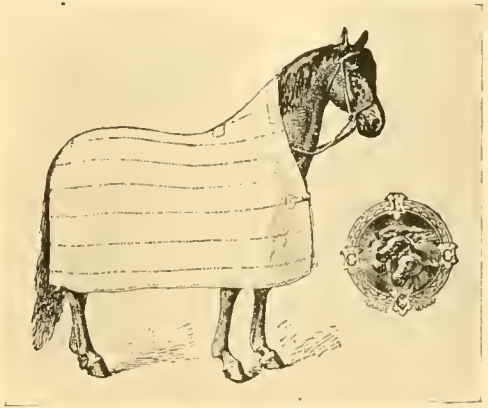




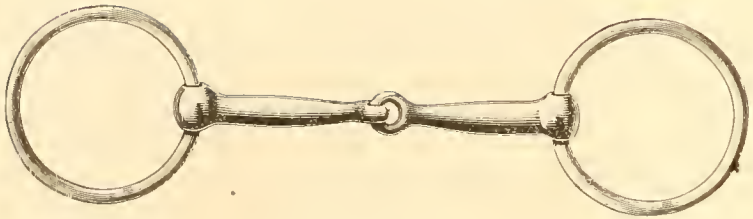
HORSE BLANKETS.

Our line of Horse Blankets is carefully selected from the product of leading manufacturers with especial reference to the demands of New England Trade. We carry during the season a very large stock of Stable, Street and Storm Blankets representing a wide variety of styles and grades. Our Annual Catalog of these goods will be mailed on application.





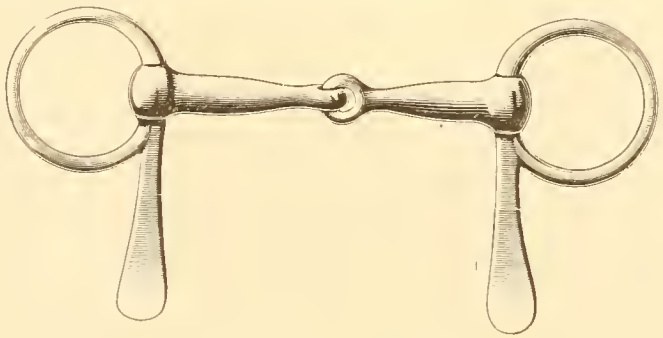
BITS.



Team Bits.

Forged Rings. Stiff or Jointed Mouth.

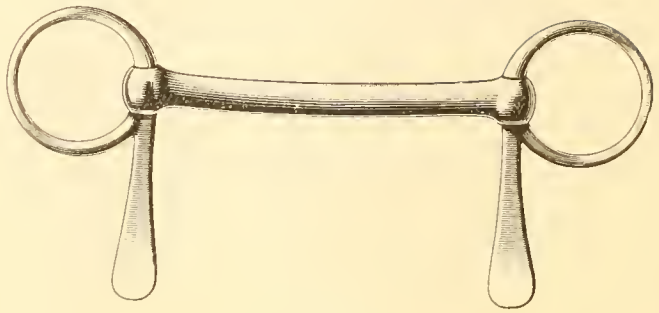
No.	47.	Japanned or X. C. plate, malleable mouth. Price each,	$ .20
No.	25.	Nickel plate, malleable mouth. Price each,	.25
No.	25.	Brass close plate, malleable mouth. Price each,	.75
No.	5248.	Nickel plate, forged mouth. Price each,	.50
No.	80.	Nickel plate, 6 inch mouth, extra heavy. Price each,	.50
No.	604.	Silver or gold non-corrosive metal. Price each,	1.50



Dexter Mouth Bits.

Solid Cheeks. Stiff or Jointed Mouth.

No.	852.	X. C. plate, malleable. Price each,	$ .25
No.	852.	Nickel plate, malleable. Price each,	.50
No.	519.	Fine nickel plate, malleable. Price each,	.75
No.	606.	Silver or gold non-corrosive metal. Price each,	1.75
No.	607.	Silver or gold non-corrosive metal, extra heavy. Price each,	1.75



Driving Bits.

Solid Cheeks. Stiff or Jointed Mouth.

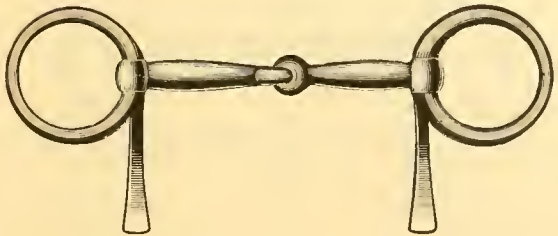
No.	502.	X. C. plate, malleable. Price each,	$ .25
No.	491.	Nickel plate, malleable. Price each,	.25
No.	492.	Nickel plate, malleable. Price each,	.25
No.	507.	Nickel plate, forged mouth. Price each,	.50
No.	427.	Nickel plate, forged mouth. Price each,	.50
No.	328.	Nickel plate, steel. Price each,	.75
No.	530.	Nickel plate, steel. Price each,	1.00
No.	516.	Electro brass cheeks, imitation rubber mouth. Price each,	.50
No.	3528.	Solid oroide cheeks, imitation rubber mouth. Price each,	.75
No.	602.	Silver or gold non-corrosive metal, spoon cheeks. Price each,	1.50
No.	603.	Silver or gold non-corrosive metal, narrow cheeks. Price each,	1.50
No.	608.	Silver or gold non-corrosive metal, egg butt. Price each,	1.50

BITS.

Single Wire Mouth Bits.

Solid cheeks.

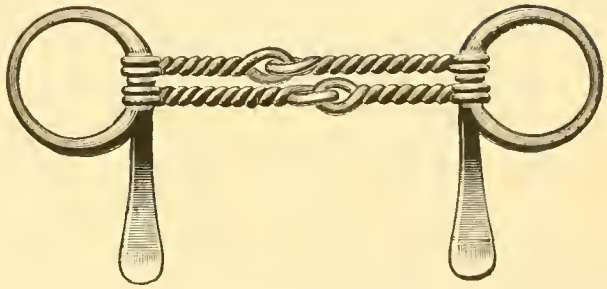
No. 521.	X. C. plate. Price each,	$ .25
No. 521.	Nickel plate. Price each,	.50
No. 609½.	Silver or gold non-corrosive metal. Price each,	1.50



Pony Bits.

Solid cheeks. Stiff or jointed mouth.

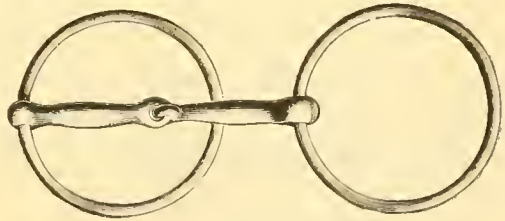
No. 510.	Nickel plate, malleable. Price each,	$.25
No. 426.	Nickel plate, forged mouth. Price each,	.50



Double Wire Mouth Bits.

Solid cheeks.

No. 523.	X. C. plate. Price each,	$ .25
No. 523.	Nickel plate. Price each,	.50
No. 610½.	Silver or gold non-corrosive metal. Price each,	1.50



Race Bits.

3½ inch rings. Stiff or jointed mouth.

No. 226.	Nickel plate, malleable mouth, wrought rings. Price each,	$.50
No. 4246.	Nickel plate, hand forged mouth and rings. Price each,	.75

BITS.

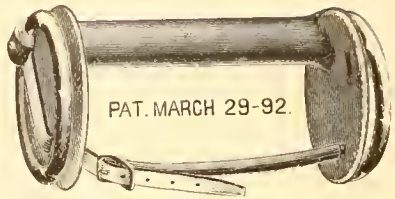
Rubber Mouth Bits.

Made on wrought chain.

No. 300½.	Nickel cheeks. Price each,	$ .75
No. 101½.	Silver non-corrosive cheeks. Price each,	1.50
No. 105½.	Nickel cheeks, Dexter mouth. Price each,	2.50

Humane Bits.

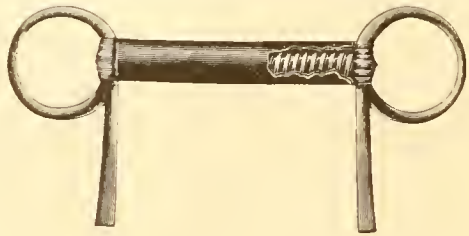
No. 1.	Leather mouth, nickel rings. Price each,	$1.00
No. 3.	Nickel stiff mouth, nickel rings. Price each,	1.00
No. 3½.	Nickel jointed mouth, nickel rings. Price each,	1.00



Leather Mouth Bits.

Flexible steel centres.

No. 505.	Nickel rings. Price each,	$ .60
Copeland.	Nickel rings. Price each,	.60
No. 506.	Leather cheeks, nickel rings. Price each,	.75
Fogg.	Leather cheeks, nickel rings. Price each,	1.00
Fogg.	Nickel half cheeks. Price each,	1.00
Stalker.	Leather cheeks, nickel rings. Price each,	1.25



Leather Mouth Bits.

Fairbank's patent.

X. C.	plated half cheeks. Price each,	$1.00
Nickel	plated half cheeks. Price each,	1.50

BITS.

Wilson Four Ring Bits.

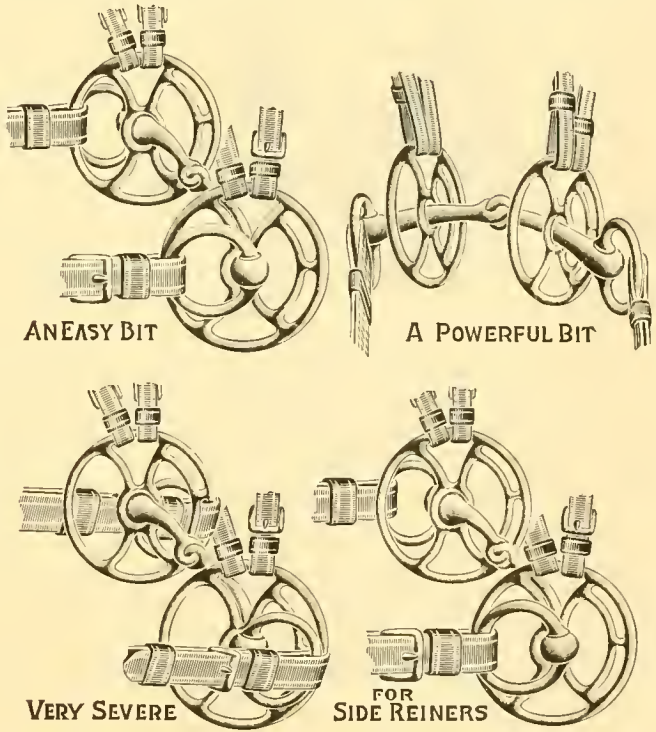
No. 155.	X. C. plate, malleable mouth. Price each,	$ .25
No. 155.	Nickel plate, malleable mouth. Price each,	.50
No. 4247½.	Nickel plate, forged mouth. Price each,	.75
No. 644½.	Silver or gold non-corrosive metal. Price each,	1.75

Sanborn Controlling Bits.

X. C. plate, malleable mouth. Price each,	$ 60
Nickel plate, malleable mouth. Price each,	.75

FOUR IN ONE BEERY BIT

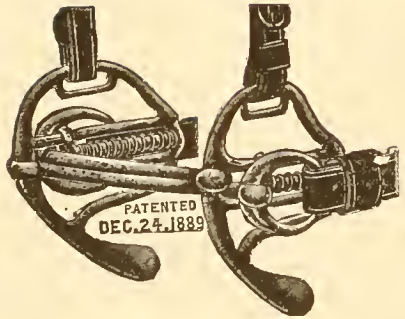
PATENTED NOVEMBER 1ST, 1904



The above cuts illustrate the four different adjustments, all made by changing the manner of fastening the lines.

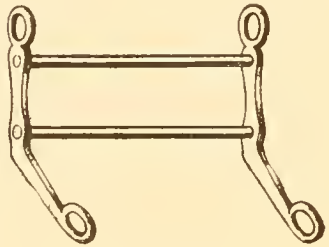
X. C. plate, single joint. Price each,	$1.00
X. C. plate, double joint. Price each,	1.00

BITS.



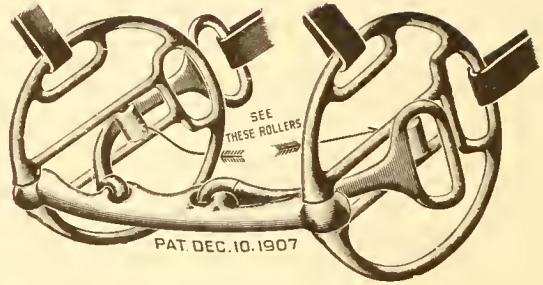
Racine Driving Bits.

X. C. plate. Price each, $ .50
Nickel plate. Price each, 1.00



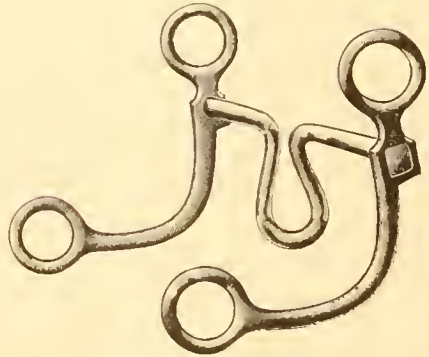
Crabb Bit.

Nickel plate. Price each, $2.25



Imperial Bits.

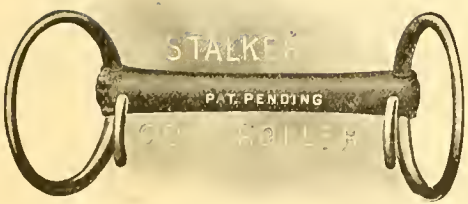
X. C. plate. Price each, $ .75
Nickel plate. Price each, 1.50



Crit Davis Check Bit.

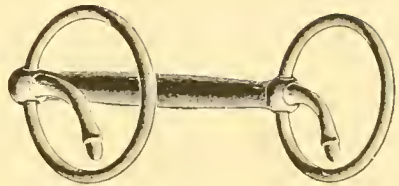
Nickel plate. Price each, $2.00

BITS.



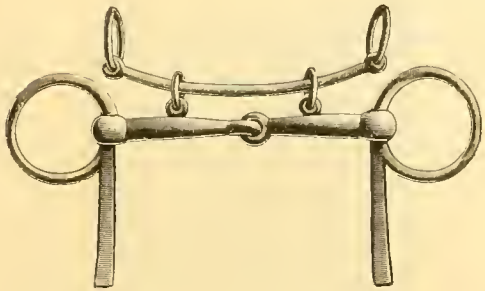
Stalker's Controller.

Leather mouth, nickel cheeks. Price each, $2.50



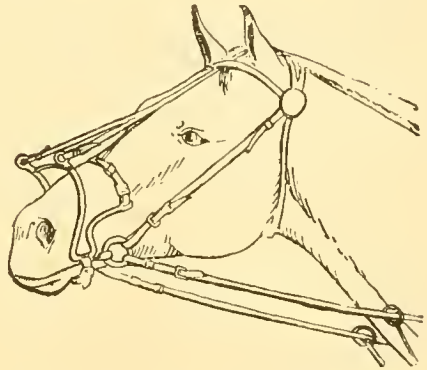
James Safety Bit.

Nickel plate. Price each, $2.00



Perfection Bit.

Nickel plate. Price each, $2.00



Raymond Bit.

Nickel plate, complete with straps. Price each, $6.00

BITS.

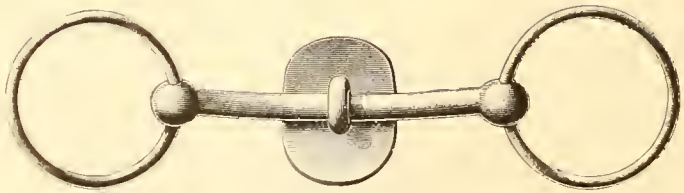
Overdraw Bits.

Stiff mouth.

No. 1. Nickel plate, wrought mouth. Price each, $.15
No. 1. Oroide rings, imitation rubber mouth. Price each, .20
No. 673. Silver or gold non-corrosive metal. Price each, .60
No. 210. Nickel rings, rubber flexible mouth. Price each, .50

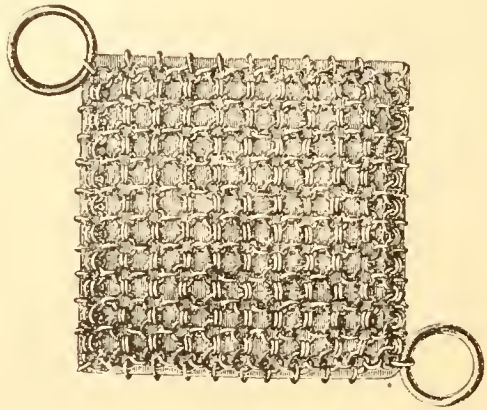
No. 2. Nickel plate, straight mouth. Price each, $ .20
No. 677. Silver or gold non-corrosive metal. Price each, .60

No. 3. Nickel plate, curved mouth. Price each, $ .20
No. 675. Silver or gold non-corrosive metal. Price each, .60



Tongue Bits.

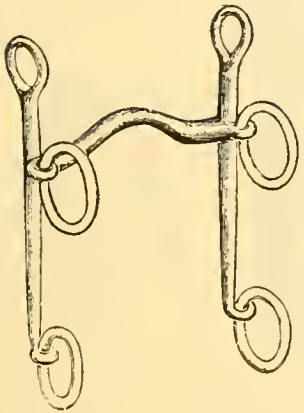
No. 800. X. C. plate, loose rings. Price each, $ .50
No. 801. X. C. plate, half cheeks. Price each, .60
No. 4800. Nickel plate, loose rings. Price each, 1.25



Bit Burnishers.

Elkskin back, steel rings. Price each, $ .75

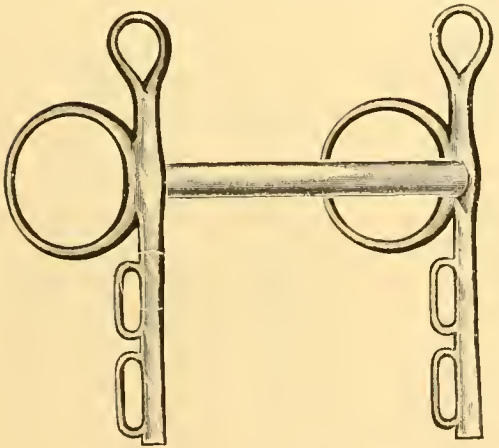
BITS.



Riding Bridle Bits.

Four Rings.

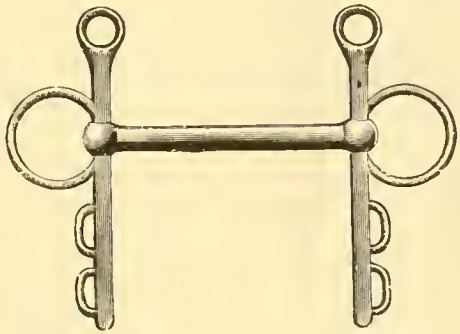
No. 654. X. C. plate. Price each, $ .40
No. 416. Nickel plate. Price each, 1.00
No. 1100. Silver or gold non-corrosive metal. Price each, 3.75



Hanoverian Bits.

Stiff Cheeks.

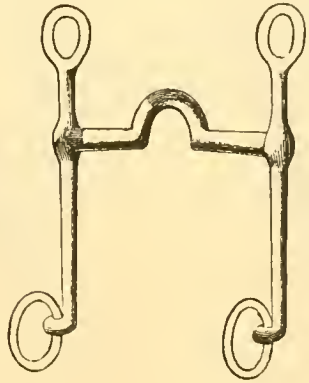
No. 30 B. Nickel plate. Price each, $ .75
No. 736. Silver or gold non-corrosive metal. Price each, 3.50



Hanoverian Bits.

Loose Cheeks.

No. 760. X. C. plate. Price each, $ .35
No. 759. X. C. plate. Extra heavy. Price each, .40
No. 760. Nickel plate. Price each, .60
No. 759. Nickel plate. Extra heavy. Price each, .60
No. 1190. Nickel plate, fine finish. Price each, .75
No. 4768. Nickel plate, forged. Price each, 1.00
No. 737. Silver or gold non-corrosive metal. Price each, 3.50

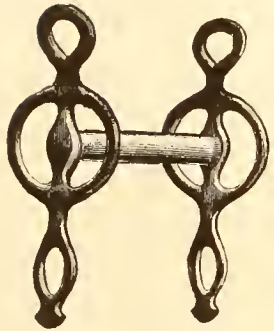


Riding Bridle Bits.

Two Rings.

No. 416. Nickel plate. Price each, $ .85
No. 1200. Silver or gold non-corrosive metal. Price each, 3.50

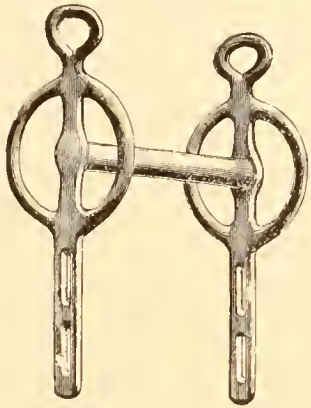
BITS.



Liverpool Bits.

Stiff cheeks.

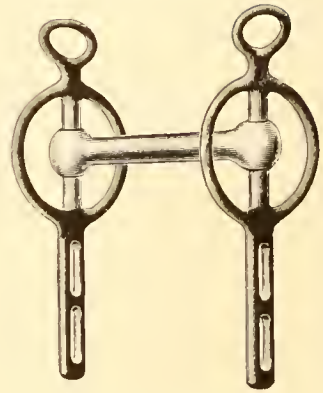
No. 404.	Nickel plate, one loop. Price each,	$ .75
No. 771.	Silver or gold non-corrosive metal. Price each,	3.50



Liverpool Bits.

Stiff cheeks.

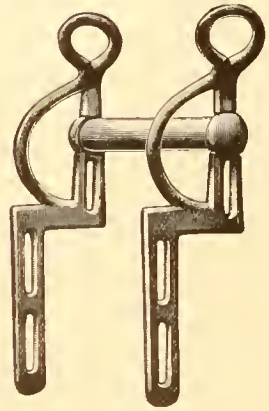
No. 754.	Nickel plate, two loops. Price each,	$ .75
No. 1754.	Nickel plate, fine finish, two loops. Price each,	1.00
No. 750.	Silver or gold non-corrosive metal. Price each,	3.50



Liverpool Bits.

Loose cheeks.

No. 755.	Nickel plate, two loops. Price each,	$ .75
No. 1755.	Nickel plate, fine finish, two loops. Price each,	1.00
No. 751.	Silver or gold non-corrosive metal. Price each,	3.50

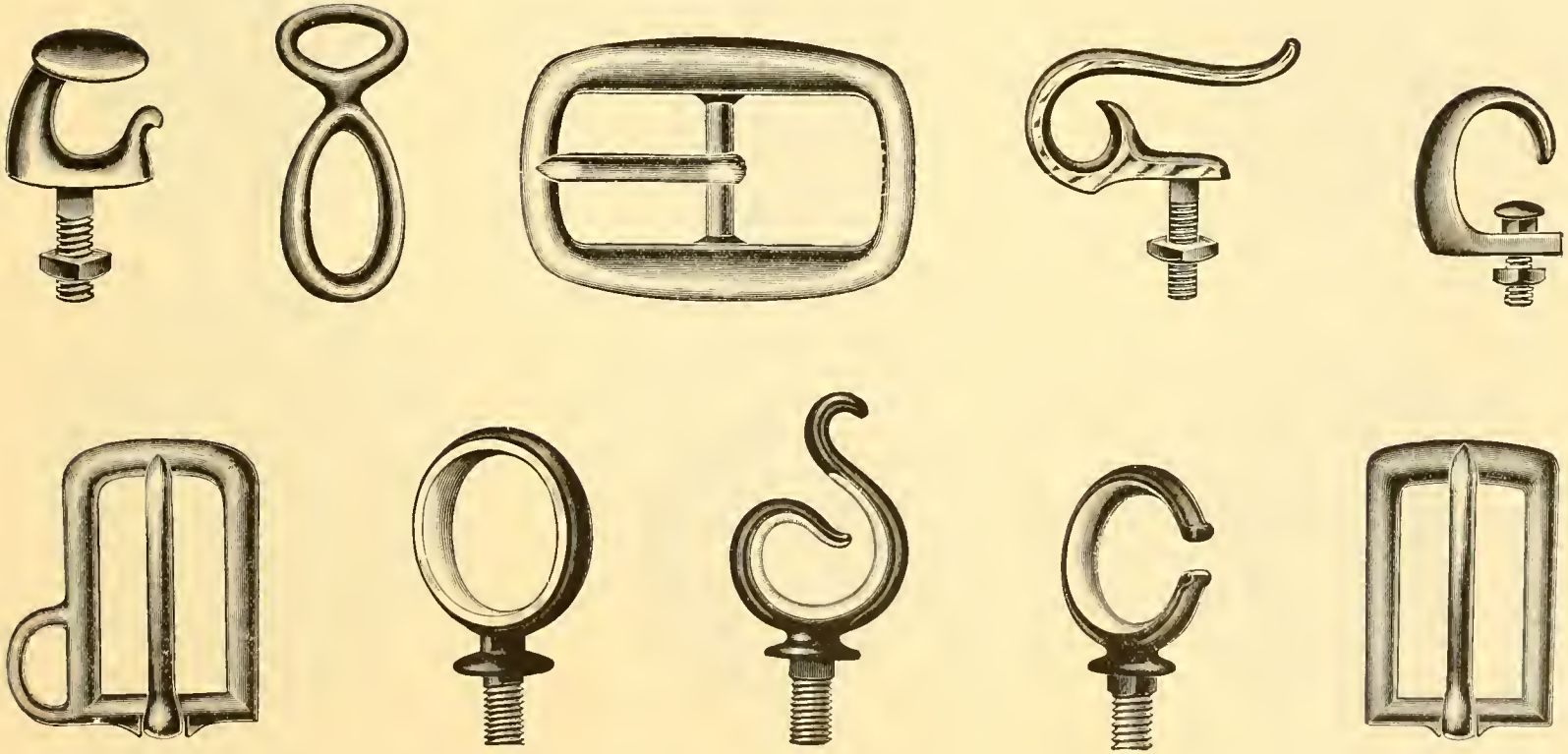


Elbow Bits.

Stiff cheeks.

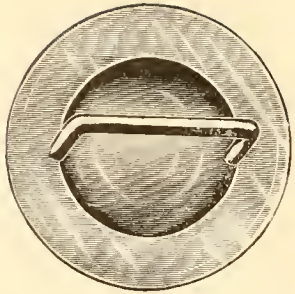
No. 178.	Nickel plate, three loops. Price each,	$1.00
No. 1749.	Nickel plate, fine finish, three loops. Price each,	1.25
No. 811.	Silver or gold non-corrosive metal. Price each,	3.75

HARNESS TRIMMINGS.



We show above a few of the many articles that make up our line of Harness Trimmings. This line is so varied that we do not attempt to catalog it. We carry a large and complete stock of everything necessary for the Harness Making Trade.

ROSETTES.



This cut shows solid loop.

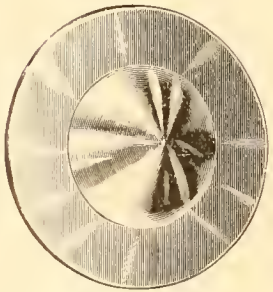
No. 110.

Solid loop, brass or nickel, 1¾ inch.
Price per pair, $ .15

Nos. 115, 130, 140.

Solid loop, brass or nickel.

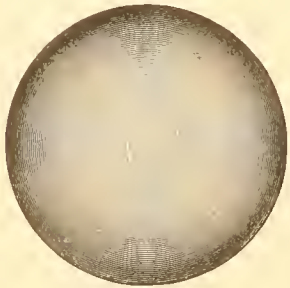
No. 115. 1¾ inch. Price per pair, $ .15
No. 130. 2 inch. Price per pair, .15
No. 140. 2¼ inch. Price per pair, .20



Nos. 138, 148.

Solid loop, brass or nickel.

No. 138. 2 inch. Price per pair, $ .15
No. 148. 2¼ inch. Price per pair, .20



Nos. 139, 149.

Solid loop, brass or nickel.

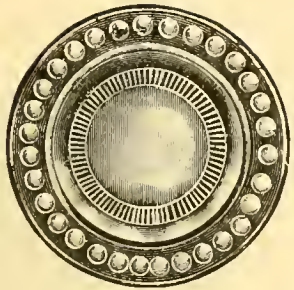
No. 139. 2 inch. Price per pair, $ .15
No. 149. 2¼ inch. Price per pair, .20

No. 60 Brass. No. 62 Nickel.

Riveted loop, brass or nickel.

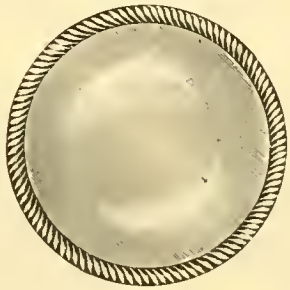
1¾ inch. Price per pair, $ .10
2 inch. Price per pair, .12
2¼ inch. Price per pair, .15

ROSETTES.



No. 491.

Brass or nickel, 1½ inch.
Price per pair, $ .10



No. 495.

Brass or nickel, 1½ inch.
Price per pair, $ .10

No. 774.

Solid metal, gold plated, 1½ inch.
Price per pair, $ .40

No. 1268.

Fine brass or nickel.

No. 1270.	1¾ inch.	Price per pair,	$ .25
No. 1269.	2 inch.	Price per pair,	.30
No. 1268.	2¼ inch.	Price per pair,	.35

No. 2.

Solid metal.

Brass,	2 inch.	Price per pair,	$ .25
Brass,	2¼ inch.	Price per pair,	.25
Nickel,	2 inch.	Price per pair,	.25
Nickel,	2¼ inch.	Price per pair,	.25

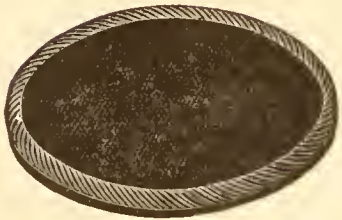
No. 1455.

Fine brass or nickel.

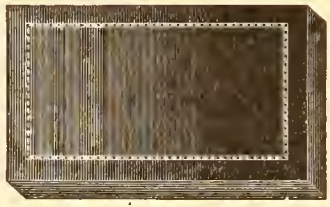
No. 1456.	1¾ inch.	Price per pair,	$ .25
No. 1455.	2 inch.	Price per pair,	.30
No. 1454.	2¼ inch.	Price per pair,	.35

ROSETTES.

No. 160.



No. 161.



No. 61.

No. 153.

Black, solid hard rubber. Any of above styles. Price per pair, $ .30

Black, solid hard rubber. Gilt base. Any of above styles. Price per pair, .35

No. 300.

Black Duranoid.
Price per pair, $ .15

No. 310.

Black Duranoid.
Price per pair, $ .15

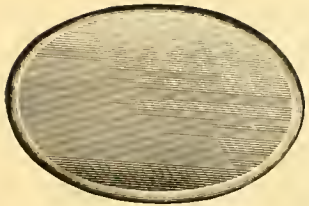
Plain glass.

Gilt or nickel background.
1½ inch. Price per pair, $ .20

Glass initial.

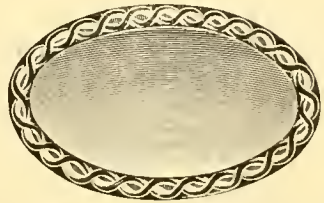
1½ inch. Price per pair, $ .20

ROSETTES.

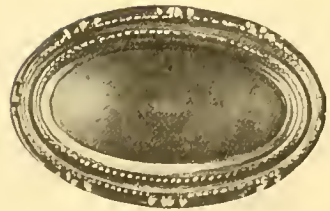


No. 1355.

No. 1230.



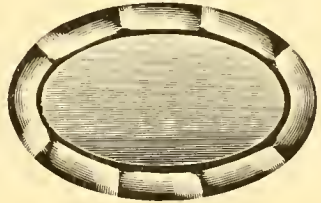
No. 1256.



No. 1243.

No. 1229.

No. 1358.

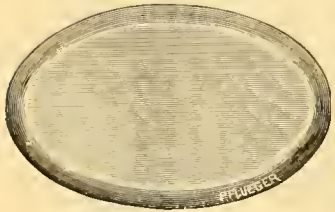


No. 1357.

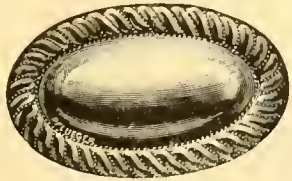
No. 1416.

Gold plated, finely finished. Any of above styles, excepting No. 1416. Price per pair, $ .30

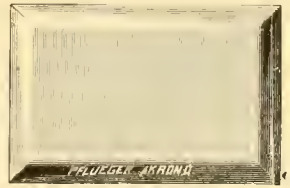
No. 1416. Gold plated, black inlaid letter. Price per pair, .50



No. 1431 Gilt.
No. 1432 Nickel.



No. 1451 Gilt.
No. 1452 Nickel.

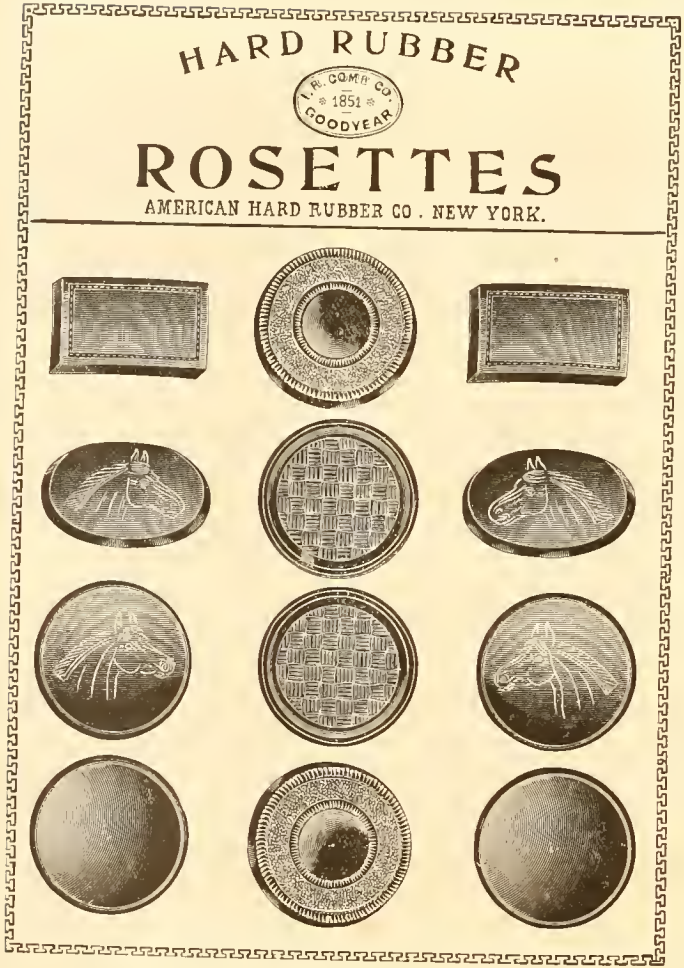


No. 1131 Gilt.
No. 1132 Nickel.

No. 1551 Gilt.
No. 1552 Nickel.

Above styles in gilt or nickel. Price per pair, $ .15

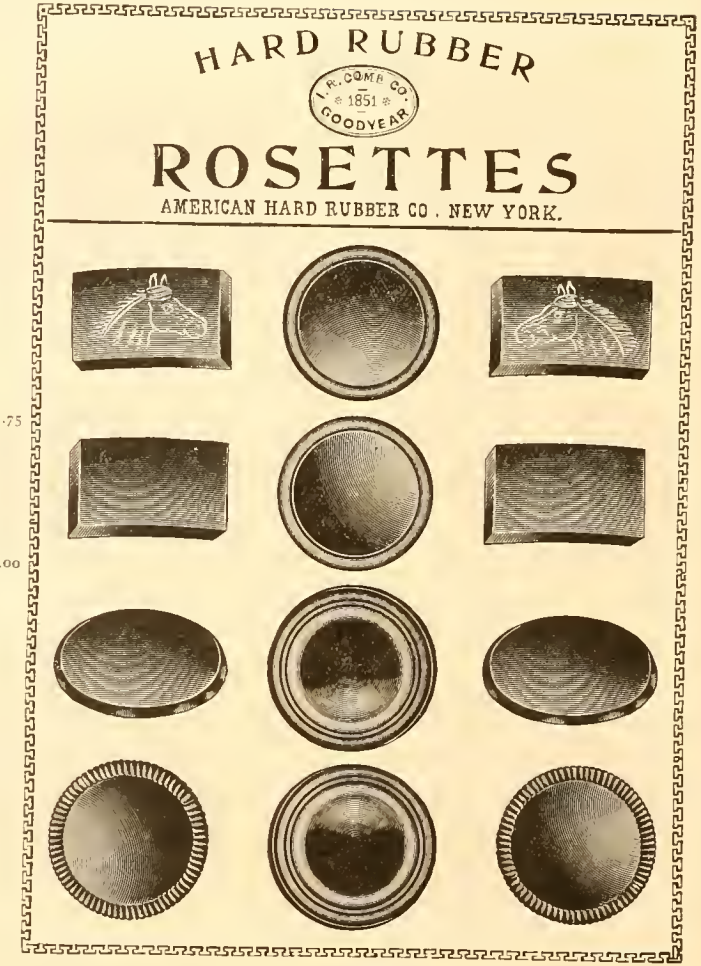
ROSETTES.



Assortment No. 1.

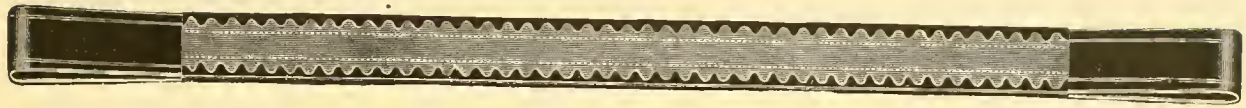
Solid hard rubber rosettes, 6 pairs assorted patterns on card. Price per card, $1.75

Fancy glass rosettes, 6 pairs assorted patterns on card. (Not illustrated.) Price per card, 1.00



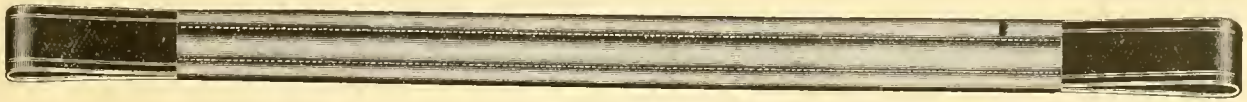
Assortment No. 2.

BRIDLE FRONTS.



No. 412.

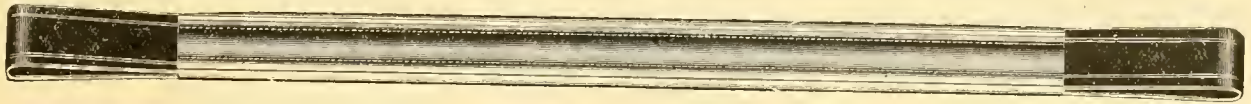
No. 412. Harness leather body, fancy enamelled cloth cover and layer. ⅝ inch. Price each, $ .15



No. 58 X.

No. 58 X. Harness leather body, patent leather cover. ½ inch. Price each, $ 20

No. 58 X. Harness leather body, patent leather cover. ⅝ inch. Price each, .20



No. 50.

No. 50. Harness leather body, fancy colored leather cover, patent leather layer. ⅝ inch. Price each, .25
No. 50. Harness leather body, fancy colored leather cover, patent leather layer. ¾ inch. Price each, .25

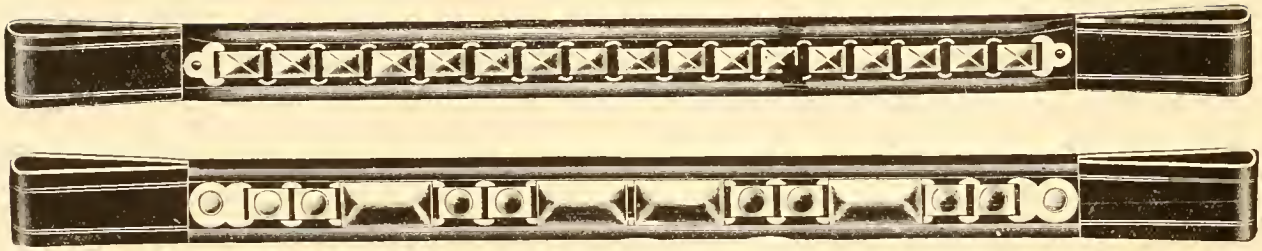
No. 433.

No. 433. Harness leather body, patent leather cover, half rounded. ½ inch. Price each, .25

No. 56 and No. 429½.

No. 56. Harness leather body, patent leather cover, patent leather oval layer. ½ inch. Price each, .25
No. 56. Harness leather body, patent leather cover, patent leather oval layer. ⅝ inch. Price each, .25
No. 429½. Harness leather body, patent leather cover, neats' leather oval layer. ½ inch. Price each, .25
No. 429½. Harness leather body, patent leather cover, neats' leather oval layer. ⅝ inch. Price each, .25

BRIDLE FRONTS.

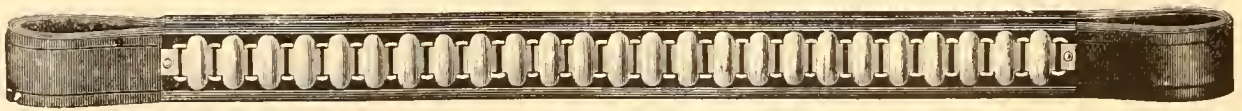


No. 1123.

No. 1123. Harness leather body, patent leather cover, fancy nickel or gilt chains in various patterns. ½ inch. Price each, $ .25
⅝ inch. Price each, .25
¾ inch. Price each, .25

No. 23 S.

No. 23 S. Harness leather body, patent leather cover, nickel or gilt chain. ⅝ inch. Price each, .30
¾ inch. Price each, .35
⅞ inch. Price each, .40



No. 23 E.

No. 23 E. Harness leather body, patent leather cover, nickel or gilt chain. ⅝ inch. Price each, .30
¾ inch. Price each, .35
⅞ inch. Price each, .40

No. 68.

No. 68. Harness leather body, patent leather cover, nickel or gilt chain, swell centre. ½ inch. Price each, .50

BRIDLE FRONTS.

No. 88.

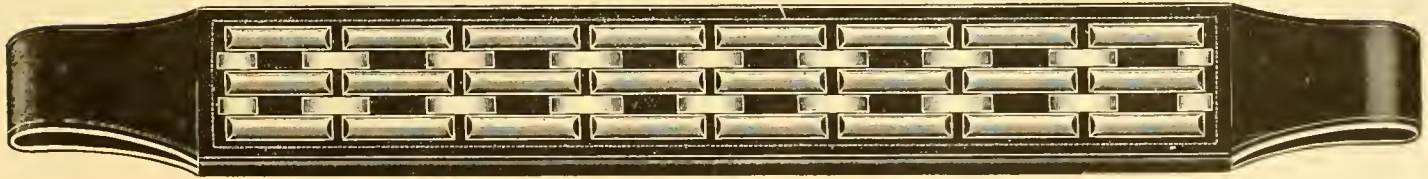
No. 88. Harness leather back, nickel or brass ⅞ inch flexible band. Price each, $ .25
No. 88. Harness leather back, nickel or brass 1 inch flexible band. Price each, .25

No. 11.

No. 11. Harness leather back, patent leather cover, nickel or brass ⅝ inch heavy oval band. Price each, $ .25
No. 11. Harness leather back, patent leather cover, nickel or brass ¾ inch heavy oval band. Price each, .30
No. 11. Harness leather back, patent leather cover, nickel or brass ⅞ inch heavy oval band. Price each, .35
No. 11. Harness leather back, patent leather cover, nickel or brass 1 inch heavy oval band. Price each, .40

No. 125.

No. 125. Harness leather back, nickel or brass oblong spots on patent leather. 1 inch. Price each, $ .50
No. 125. Harness leather back, nickel or brass oblong spots on patent leather. 1¼ inch. Price each, .50



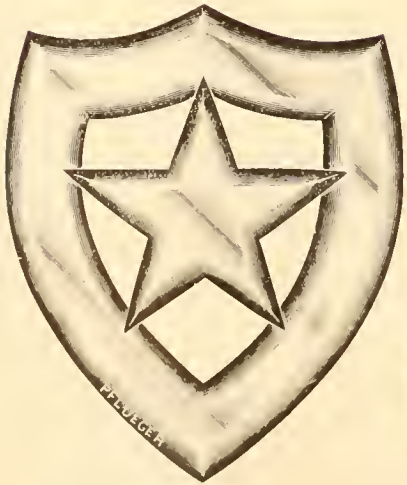
No. 118.

No. 118. Harness leather back, patent leather cover, nickel or brass chain. 1 inch. Price each, $ .50
No. 118. Harness leather back, patent leather cover, nickel or brass chain. 1¼ inch. Price each, .50

HARNESS ORNAMENTS.

SPOTS.

Number	1.	2.	3.	3 1-2.	4.	4 1-2.	5.
Diameter	5/16	3/8	7/16	1/2	9/16	5/8	3/4
Brass, per doz.	$.15	$.15	$.20	$.20	$.25	$.25	$.30
Nickel, per doz.	.15	.15	.20	.20	.25	.25	.30



No. 860. Ornaments.

Height, 2½ inches.

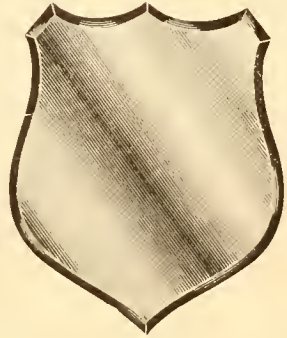
Brass, per doz. $1.25
Nickel, per doz. 1.25

Number	6.	7.	7 1-2.	8.
Diameter	7/8	1	1 1/8	1 1/4
Brass, per doz.	$.40	$.50	$.50	$.60
Nickel, per doz.	.40	.50	.50	.60

Heart Ornaments.

Height, 1¾ inches.

Brass, per doz. $1.25
Nickel, per doz. 1.25



Shield Ornaments.

Height,	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4
Brass, per doz.	$.60	.60	.75	.85	.90	1.20
Nickel, per doz.	$.60	.60	.75	.85	.90	1.20

LETTERS AND ORNAMENTS.

3-4 inch.

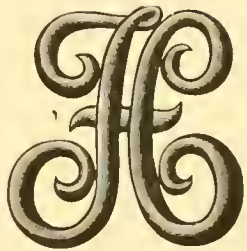
Colonial pattern.
Brass or nickel.
Price each, $ .10

1 inch.

$ .10

1 1-4 inches.

$ .15



1 1-4 inches.

Script pattern.
Brass or nickel.
Price each, $ .25

3-4 inch.

$ .20

Monograms.

For Harness or Bags.
Brass, nickel or silver.
To order only.
Prices on application.

Imitation Monograms.

Height 1½ inches.

Brass or nickel.
Price each, $ .35

No. 1088 Ornaments.

Height 1½ inches.

Brass or nickel.
Price each, $ .25

No. 1101 Ornaments.

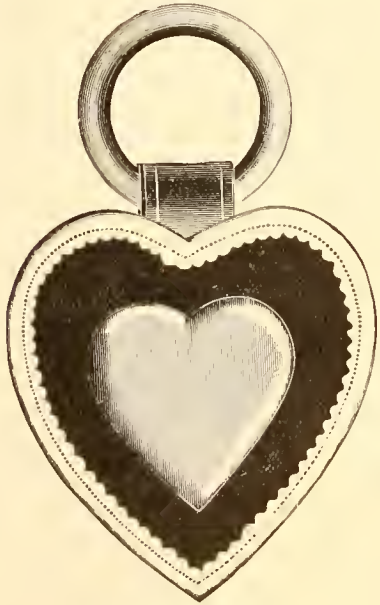
Height 1¼ inches.

Brass or nickel.
Price each, $ .25

HARNESS DROPS AND BUCKLE SHIELDS.

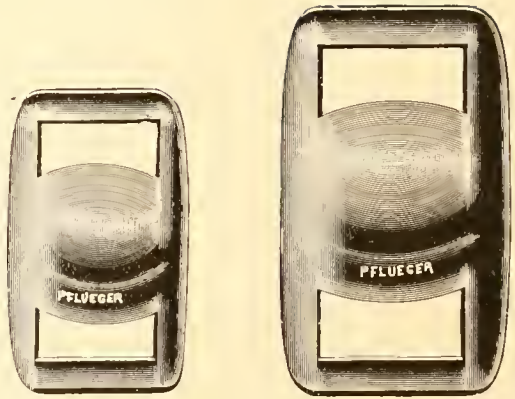
Face Drops.

Brass or nickel star and circle on patent leather, fancy leather binding.
Price each, $.50



Harness Drops.

Brass or nickel heart on patent leather, fancy leather binding, Duranoid ring.
Price each, $ .50



Buckle Shields.

Brass or Nickel.

5/8 inch.	Price per pair,	$ .10
3/4 inch.	Price per pair,	.12
7/8 inch.	Price per pair,	.15
1 inch.	Price per pair,	.17
1 1/8 inch.	Price per pair,	.17
1 1/4 inch.	Price per pair,	.20
1 1/2 inch.	Price per pair,	.25

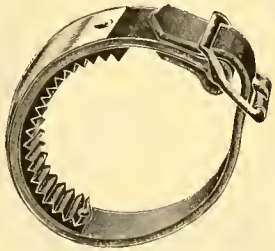
PLUMES AND TAIL TIES.

Hair Tassels.

Red, Orange or Lemon.

Length, 14 inches.
Price per pair, $ .50

Length, 16 inches.
Price per pair, .60

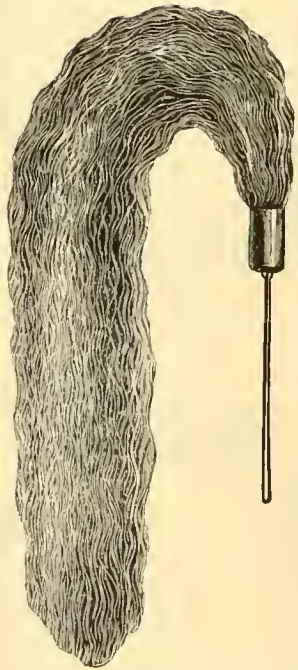


Victor Tail Ties.

Leather strap with buckle, nickel band lined with corrugated rubber.
Price each, $ .20

Holdfast Tail Ties.

Spring steel heavily plated and lined with corrugated rubber. Nickel or brass. Price each, $ .25



Drooping Hair Plumes.
Red, Orange or Lemon.

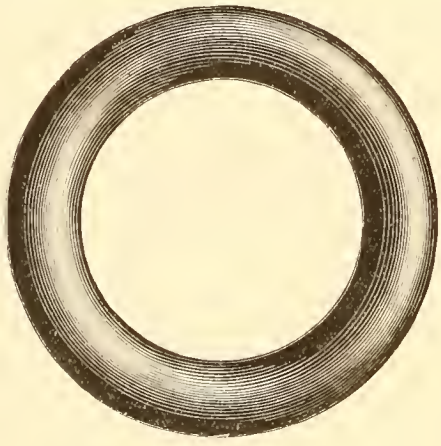
Length, 16 inches. Price per pair, $ .60

MARTINGALE RINGS.

DURANOID.

Red, White or Blue.

Number,	0	1	2	3	4	5	
Size,	1¼	1½	1⅝	1¾	1⅞	2	inches.
Price per doz.	$ .60	.60	.65	.75	1.00	1.20	



RUBBER.

Black. (Hollow)

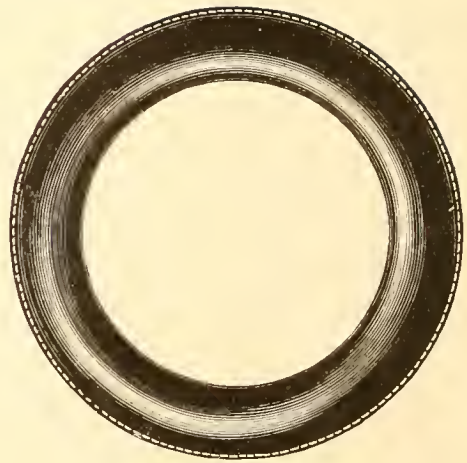
Number,	1	
Size,	1½	inches.
Price per doz.	$1.00	

SIZES GIVEN ON RINGS ARE INSIDE DIAMETER.

ZYLONITE OR PYRALIN.

Red, White or Blue.

Number,	00	0	1	2	3	4	5	6	
Size,	1¼	1¾	1½	1½	1⅝	1¾	2	2¼	inches
Price per doz.	$1.00	1.20	1.50	1.75	2.25	2.50	3.00	3.25	



RUBBER.

Black. (Hollow) Imitation Stitched.

Number,	35	
Sizes,	1½	inches.
Price per doz.	$1.20	

TOLEDO WOOD RINGS.

Red, White or Blue.

Number,	2	3	
Size,	1⅞	2	inches.
Price per doz.	$ .75	.90	

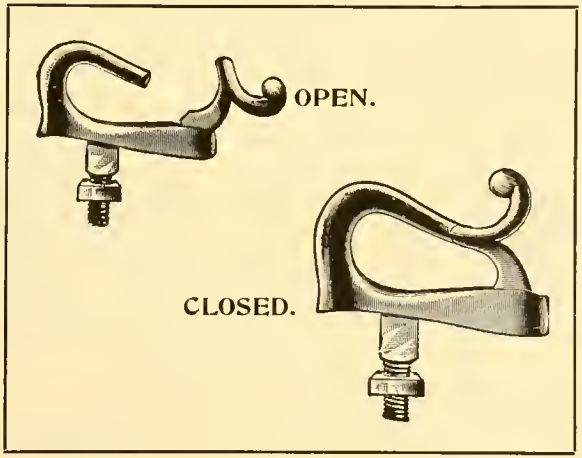
TRI COLORED. Red, White and Blue.

Number,	2	
Size,	1⅞	inches.
Price per doz.	$1.00	

THE PEERLESS CHECK HOOK.

The Name describes it—the strongest, most practical and the finest looking Safety Check Hook on the market.

It will absolutely prevent the Check becoming accidently unfastened. It has no spiral spring to weaken or wear out, and cannot get out of order. It is impossible to straighten it out by the strain of the checkrein. It is highly ornamental and is distinctly the right thing for a fine harness. Its adoption by many of the large



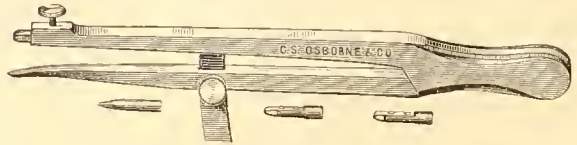
wholesale manufacturers of fine harness proves it to be a practical article. It makes a strong talking point in selling harness. It is highly endorsed by prominent horsemen in all parts of the country. It is made in four styles of finish—rubber, nickel, gilt and imitation rubber—and in three sizes, suitable for any driving harness saddle.

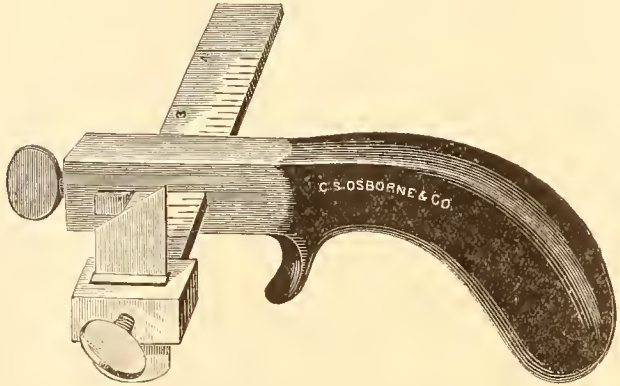
CONSTRUCTION.

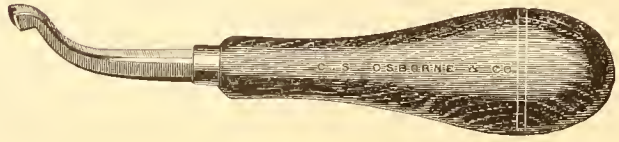
The spring is a flat piece of steel (instead of the usual spiral), so secured to the hook as to render it imposible of working loose. This spring is burnished on the upper side so that there is no friction to wear away the trigger in opening and closing it. The checkrein is bound to draw from the strongest part of the hook, as it cannot possibly slide back and draw over the point of the hook thus getting the leverage which causes ordinary hooks to straighten out and break. It is easily opened to uncheck and easily closed.

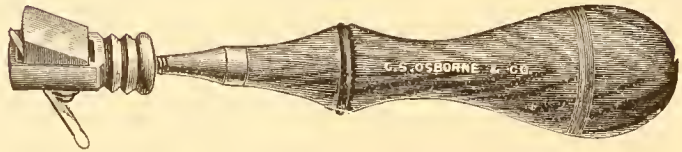
Size No. 1.	For 2½ or 2¾ inch saddles.	
Size No. 2.	For 3 inch saddles.	
Size No. 3.	For 3½ or 4 inch saddles.	
Nickel, gilt or imitation rubber.	Price each,	$ .50
Genuine rubber.	Price each,	.75

HARNESS MAKERS' TOOLS.







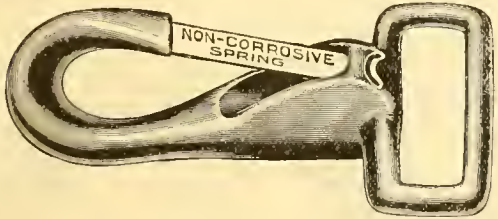


We are agents for the celebrated C. S. Osborne & Co. Saddlers' and Harness Makers' Tools. Catalog on application.

SNAPS.

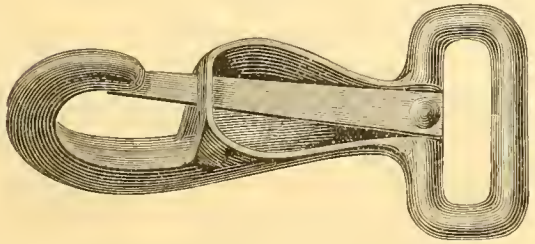
German Snaps.

	½,	⅝,	¾,	⅞,	1,	1⅛,	1¼,	1½,	1¾,	2,	2¼,	2½	inches
Bronzed,	$.35		.40	.60	.60	.75	.85	1.00	1.20				per dozen



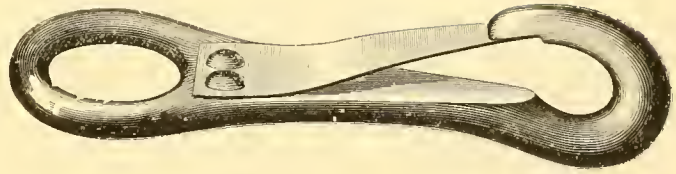
Triumph Snaps.

	½,	⅝,	¾,	⅞,	1,	1⅛,	1¼,	1½,	1¾,	2	inches
X. C. plate,	$.50		.60	.75	.85	1.00	1.20				per dozen



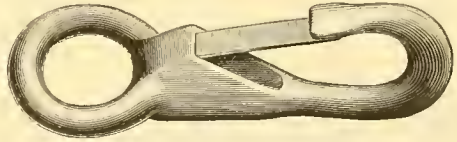
Sargent Snaps.

	1½,	1¾,	2	inches
Japanned,	$.75	1.00	1.25	per dozen



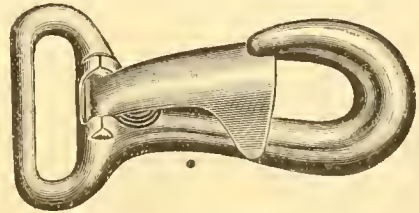
German Round Eye Snaps.

	⅝,	¾,	1	inches
Bronzed,	$.50	.60	.90	per dozen



Triumph Round Eye Snaps.

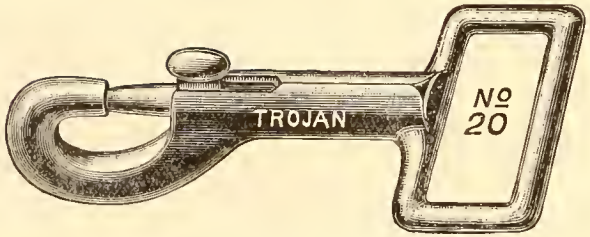
	⅝,	¾	inches
X. C. plate,	$.60	.60	per dozen



Imperial Snaps.

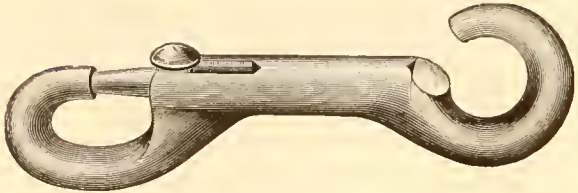
	⅞,	1,	1⅛,	1¼,	1½,	1¾,	2,	2¼	inches
Japanned,	$.75	.75	1.00	1.25	1.25	1.25	1.50	1.50	per dozen
X. C. plate,	.85	.85	1.00	1.25	1.25	1.25	1.50	1.50	per dozen

SNAPS.



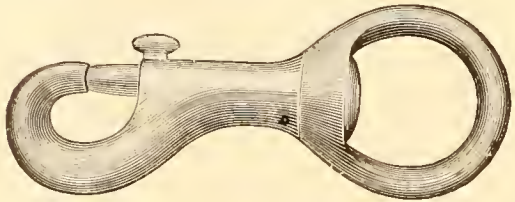
Covert Trojan Bolt Snaps.

	½, ⅝, ¾, ⅞, 1, 1⅛, 1¼, 1½, 1¾, 2	inches
X. C. plate,	$.60 .75 .85 1.00 1.25 1.50	per dozen



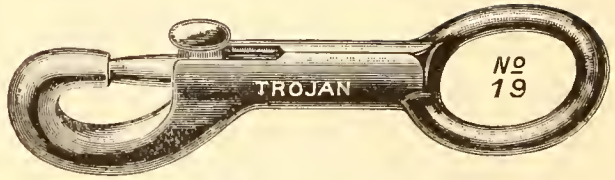
Covert Open Eye Snaps.

No. 520.	Bit snap, X. C. plate, length, 3⅛ inches.	$ .60 per dozen
No. 521.	Chain snap, X. C. plate, length, 3½ inches.	.75 per dozen
No. 522.	Trace snap, X. C. plate, length, 4 inches.	1.00 per dozen



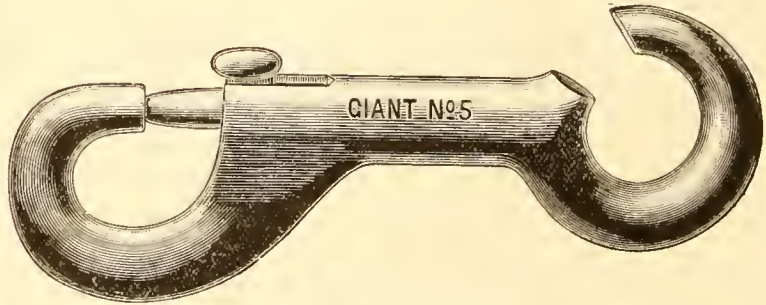
Covert Swivel Snaps.

No. 40.	X. C. plate, ¾ inch eye.	$1.00 per dozen
No. 3.	X. C. plate, 1 inch eye.	1.50 per dozen



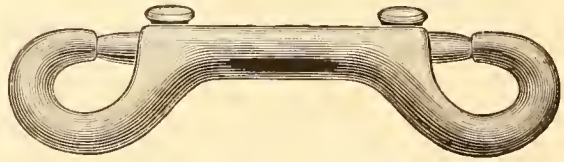
Covert Trojan Round Eye Snaps.

	½,	⅝,	¾	
X. C. plate,	$.60	.75	.75	inches per dozen



Covert Giant Snaps.

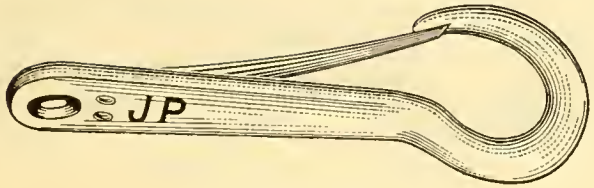
No. 5.	Open eye, X. C. plate, length, 5½ inches.	$2.50 per dozen
No. 7.	Closed eye, X. C. plate, length, 5¼ inches.	2 50 per dozen



Covert Double Snaps.

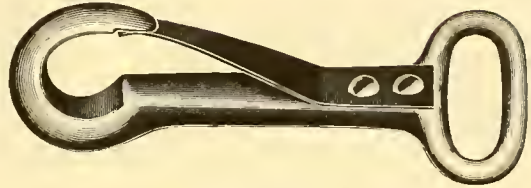
No. 510.	X. C. plate, length, 3 inches.	$1.00 per dozen
No. 511.	X. C. plate, length, 3¾ inches.	1.25 per dozen
No. 512.	X. C. plate, length, 4⅝ inches.	1.50 per dozen

SNAPS.



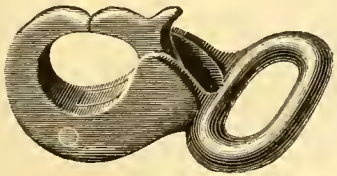
Wrought Trace Snaps.

Round eye, length 4¼ inches. $1.25 per dozen



Auto or Billet Snaps.

Solid brass. ⅞, 1, 1⅛, or 1¼ inch eye. $3.00 per dozen

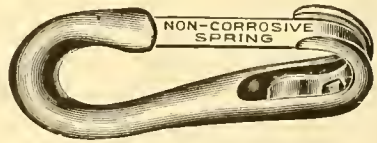


Hubbard Snaps.

	⅝,	¾,	⅞,	1,	1¼	inches
X. C. plate.	$ .85	.85	.85	.85	.85	per dozen

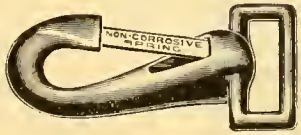
Jones Double Snaps.

Japanned, length, 3¼ inches. $ .60 per dozen



Triumph Double Snaps.

X. C. Plate, length 2¼ inches. $ .60 per dozen

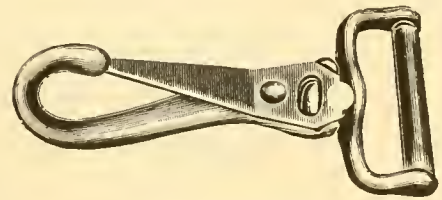


Triumph Bag Snaps.

Loop eye, X. C. plate. ½, ⅝, ¾, ⅞, or 1 in.	$ .35 per doz.
Loop eye, nickel plate. ½, ⅝, ¾, ⅞, or 1 in.	.60 per doz.
Round eye, X. C. plate, ⅜ inch eye.	.35 per doz.
Round eye, nickel plate, ⅜ inch eye.	.60 per doz.

SNAP SPRINGS AND RIVETS.

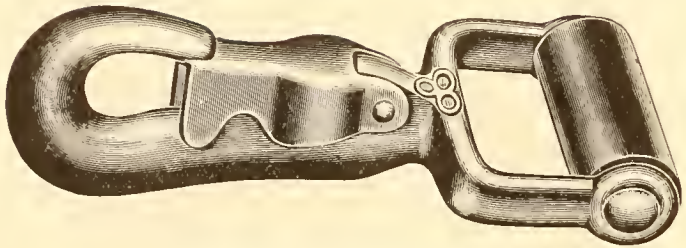
For German snaps, 2 rivet holes, length 2¼ inches. Price per dozen,	$ .30
For German snaps, 2 rivet holes, length 2½ inches. Price per dozen,	.30
For Sargent snaps, 1 rivet hole, length 2½ inches. Price per dozen,	.30
For Sargent snaps, 1 rivet hole, length 3 inches. Price per dozen,	.30
For wrought snaps, 2 rivet holes, length 2½ inches. Price per dozen,	.30
Rivets for wrought snaps. Price per gross,	.50



Swivel Bag Snaps.

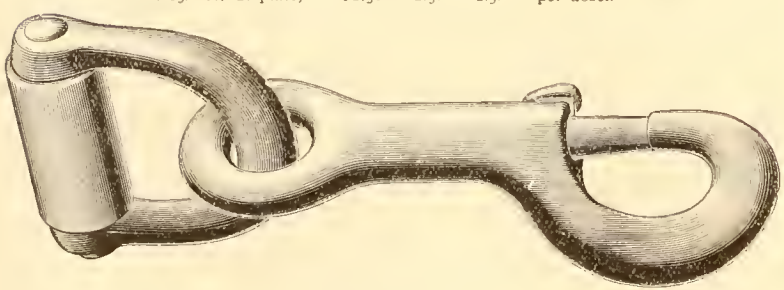
Loop eye, nickel plate. ½, ⅝, ¾, ⅞, or 1 in.	$ .60 per doz.
Round eye, nickel plate, ⅜ inch eye.	.60 per doz.

SNAPS.



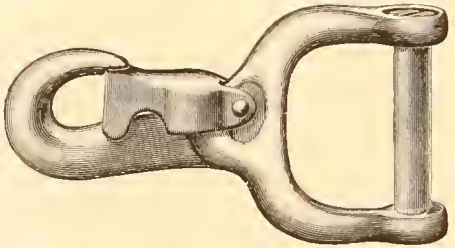
BREAST STRAP ROLLER SNAPS.

		1½,	1¾,	2	inches
No. 85.	X. C. plate,	$2.50	2.50	2.50	per dozen



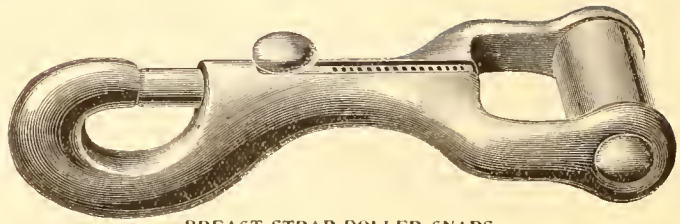
BREAST STRAP ROLLER SNAPS.

		1½,	1¾,	2	inches
No. 437.	X. C. plate,	$3.00	3.00	3.00	per dozen



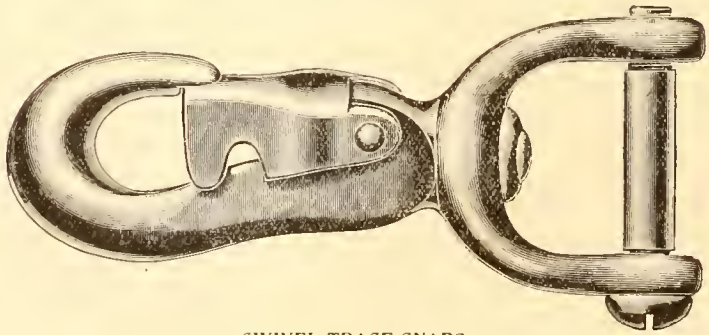
TEAM TRACE SNAPS.

		1½,	1¾,	2	2¼	inches
No. 20.	X. C. plate,	$3.00	3.00	3.00	3.50	per dozen



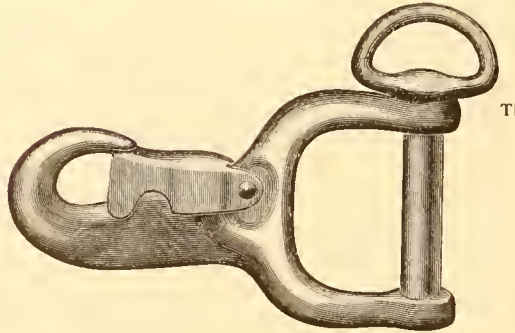
BREAST STRAP ROLLER SNAPS.

		1½,	1¾	inches
No. 40.	X. C. plate,	$3.00	3.00	per dozen



SWIVEL TRACE SNAPS.

		1½,	1¾,	2,	2¼,	2½	inches
No. 448.	X. C. plate,	$3.00	3.00	3.00	3.50	3.50	per dozen

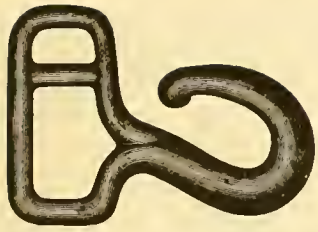


TEAM BREECHING SNAPS.

No. 25. X. C. plate

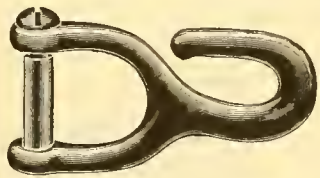
1½ inch.	$3.00 per dozen
1¾ inch.	3.00 per dozen
2 inch.	3.00 per dozen
2¼ inch.	3.50 per dozen

TEAM TRACE HOOKS, ETC.



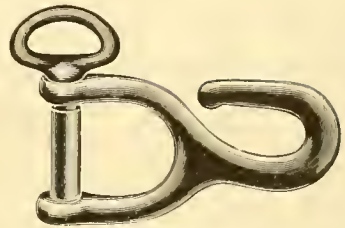
No. 475 Trace Hooks.

		1½,	1¾,	2,	2¼,	2½
Japanned.	Price per set of 4,	$.50	.60	.65	.75	.85



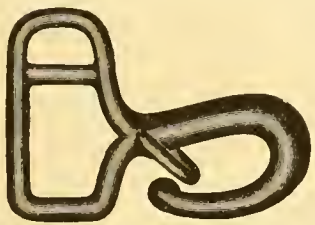
No. 473 Trace Hooks.

		1½,	1¾,	2,	2¼
Japanned.	Price per set of 4,	$.60	.65	.75	.85



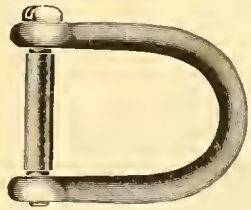
No. 474 Trace Hooks.

		1½,	1¾,	2,	2¼
Japanned.	Price per set of 4,	$.60	.65	.75	.85



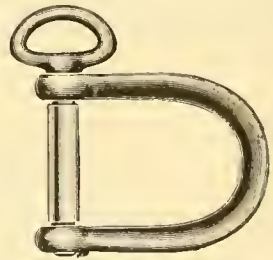
No. 477 Breeching Hooks.

		1½,	1¾,	2,	2¼,	2½
Japanned.	Price per set of 4,	$.50	.60	.65	.75	.85



No. 461 Bolt Dees.

		1½,	1¾,	2,	2¼,	2½
Japanned.	Price per pair,	$.25	.25	.25	.30	.30

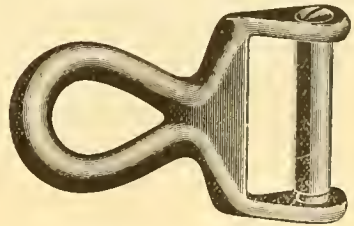


No. 462 Bolt Dees.

		1½,	1¾,	2,	2,¼	2½
Japanned.	Price per pair,	$.30	.30	.30	.35	.35

Breast Strap Slides.

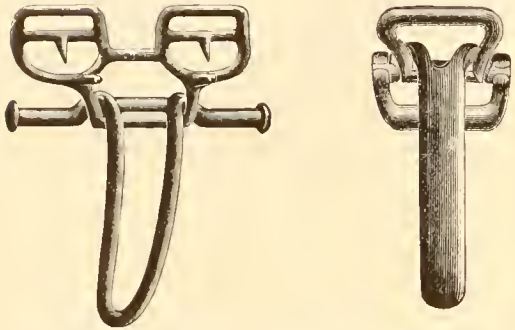
		1½,	1¾,	2
Japanned.	Price per pair,	$.20	.20	.25



Screw Cockeyes.

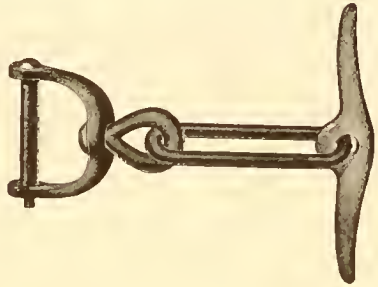
		1¼,	1½,	1¾,	2,	2¼,	2½
Japanned.	Price per pair,	$.10	.10	.12	.15	.20	.20

MISCELLANEOUS.



COLLAR FASTENERS. FOR TOP OF COLLAR.

No. 1. ⅞ inch, two buckles. Price ea. $ .10
No. 4. 1¼ inch, one buckle. Price ea. .10



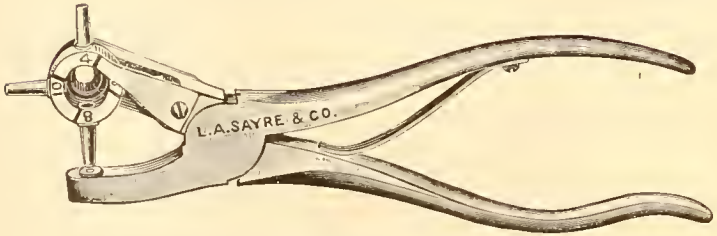
TRACE TOGGLES.

Japanned, with screw and roller.

Sizes,	1½,	1¾,	2,	2¼,	2½ in.
Price per pair	$ .35	.40	.40	.50	.50

REPAIR HOOKS.

For collar pads.
Price per dozen, $ .50



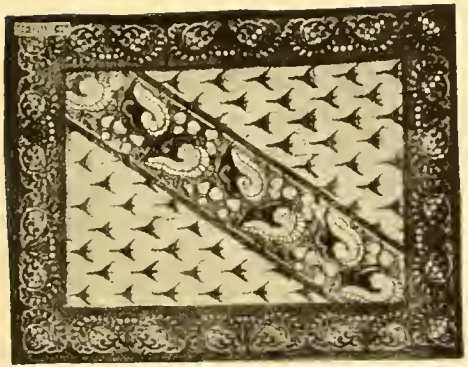
REVOLVING PUNCHES.

Four tubes. Price each, $ .65
Six tubes. Price each, .75
Four tubes. C. S. Osborne & Co's. Price each, 1.75
Six tubes. C. S. Osborne & Co's. Price each, 2.00

BLANKET PINS.

Lindsey's. Nickel plated. Price per dozen, $ .50

ROBES AND MATS.



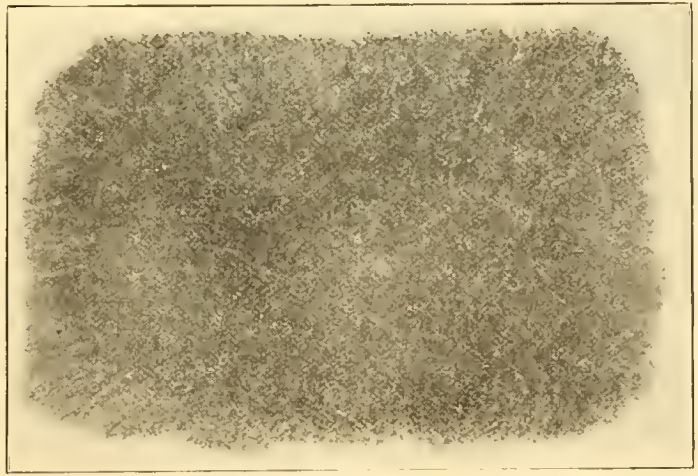
We carry a large stock of Carriage Robes in all the various grades and styles. Fancy and plain plush, beaver, cloth, whipcord, etc., etc. Prices and descriptions will be sent on application.

Baby Carriage Robes.

White lambs' wool.

No. 37. 24 x 42 inches, white flannel lined, long pocket
Price each, $5.00

No. 37½. 24 x 42 inches, white sateen lined, long pocket.
Price each, 6 00



Wool Carriage Mats.

Red, yellow, orange or green.

No. 1. Pelt about 13 x 25 inches.
Price each, $1.50

No. 2. Pelt about 16 x 28 inches.
Price each, 1.75

No. 0. Pelt about 10 x 22 inches, fine quality.
Price each, 2.00

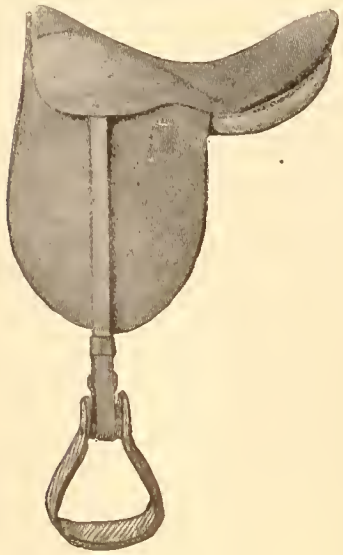
No. K. Pelt about 12 x 23 inches, fine quality.
Price each, 2.50

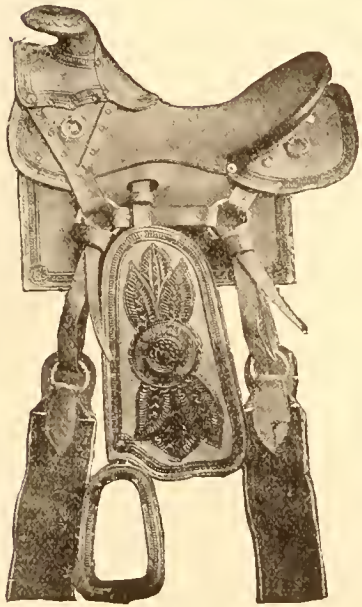
RIDING SADDLES.

NO. 101 SOMERSET.

Straight head tree, russet kip seat, seamed russet jockey, russet flaps, cotton webbing girth, russet leather covered wood stirrups.

Price each, $7.00
Boy's. Price each, 6.75

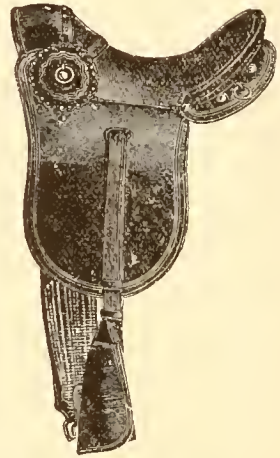




NO. 704 MORGAN.

Rawhide covered tree with horn, part leather covered and closed seat, embossed russet leather flaps and fenders, two cotton cinchas, plain wood stirrups.

Price each, $10.00



NO. 705 MORGAN.

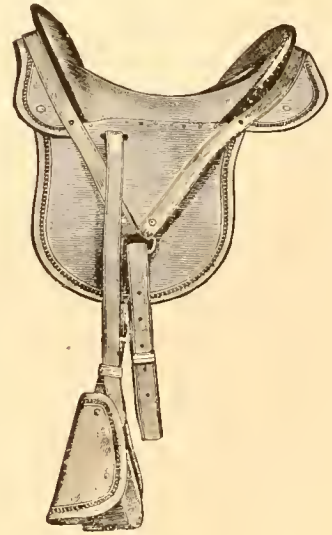
With horn, (not shown in illustration) full covered and embossed russet leather seat, embossed russet leather flaps, cotton webbing girth, russet leather covered wood stirrups.

Price each, $10.00

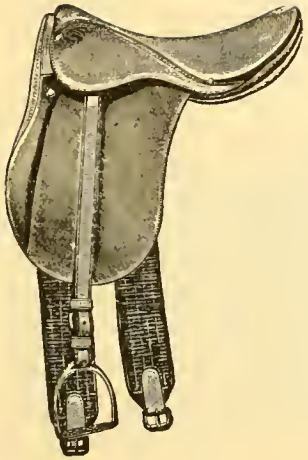
NO. 306 McCLELLAN.

Russet leather covered open seat, russet leather flaps, web cincha girth, russet leather covered wood stirrups.

Price each, $12.00

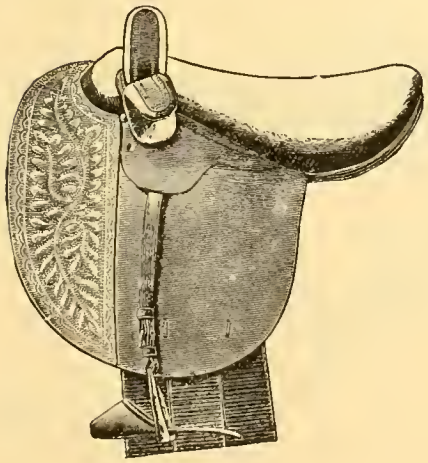


RIDING SADDLES



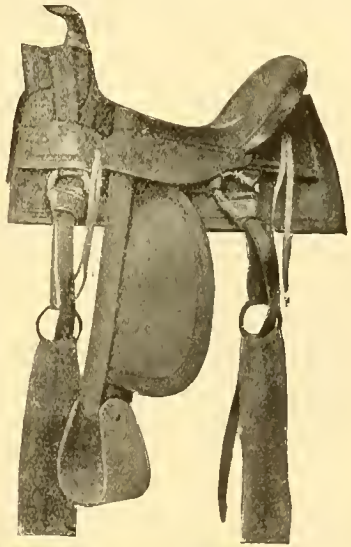
No. 106 English.

Straight head tree, hogskin seat, imitation hogskin jockey, flaps, and knee rolls, two cotton webbing girths, malleable iron stirrups.
Price each, $11.00



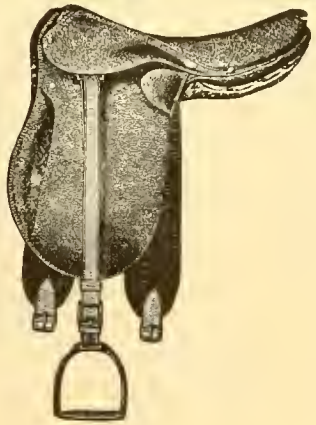
No. 503 Ladies' Side.

Imitation buck seat, quilted safe, imitation hogskin flap, leaping horn, two webbing girths and surcingle, slipper stirrup. Price each, $16.50



No. 707 Morgan.

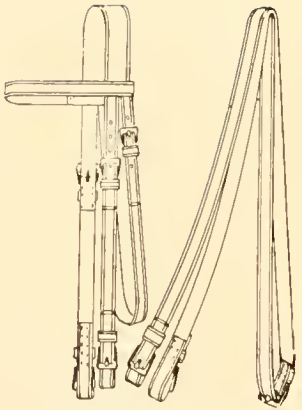
Full covered russet leather seat, embossed russet leather flaps and fenders, two hair cinchas, plain wood stirrups.
Price each, $13.00



No. 904 Ladies' Astride.

English tree, russet kip seat, serge lined pad, imitation hogskin jockey and flaps, wide knee rolls, cotton webbing girths, safety stirrup bars, nickel plated stirrups. Price each, $15.00

RIDING BRIDLES, &c.



RIDING BRIDLES (Less Bits).

No. 7.	Russet leather, imitation covered buckles, one rein.	Price each, $1.25
No. 70.	Russet leather, covered buckles, one rein.	Price each, 1.75
No. 2.	Fine russet leather, shaved flesh, covered buckles, one rein.	Price each, 2.75

(BITS FOR RIDING BRIDLES ARE DESCRIBED ON PAGE 49)

EXTRA BRIDLE REINS.

No. 7.	Russet leather, imitation covered buckles.	Price each, $ .60
No. 70.	Russet leather, covered buckles.	Price each, .75
No. 2.	Fine russet leather, shaved flesh, covered buckles.	Price each, 1.00

MARTINGALES.

No. 7.	Russet leather, imitation covered buckles and rings.	Price each, $ .85
No. 70.	Russet leather, covered buckles and rings.	Price each, 1.35
No. 2.	Fine russet leather, shaved flesh, covered buckles and rings.	Price each, 1.75

CURB STRAPS.

No. 7.	Russet leather, imitation covered buckles.	Price each, $ .25
No. 2.	Russet leather, covered buckles.	Price each, .35

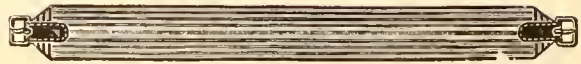
CURB CHAINS.

With hooks.

Steel, nickel plated.	Price each, $ .50
Non-corrosive metal.	Price each, .90

CURB HOOKS.

Steel, nickel plated.	Price per pair, $ .10
Non-corrosive metal.	Price per pair, .25

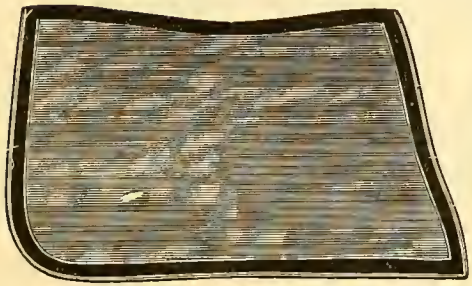


RIDING SADDLE GIRTHS.

3¼ inch fawn cotton webbing, leather billets.

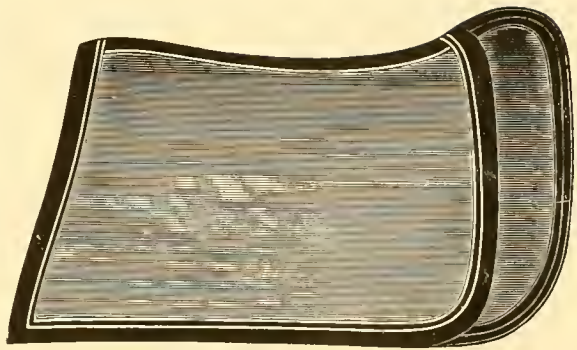
Price each $ .40

RIDING SADDLE HOUSINGS AND SPURS.



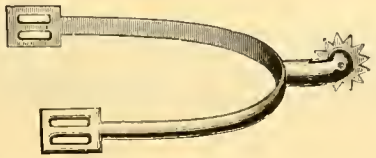
Gentlemen's.

No. 358. Gentlemen's. Blue or green, wave border, star in corner, one row braid. Price each, $ .85
No. 303. Gentlemen's. Blue or green, two rows braid and corners. Price each, 1.00
No. 377. Gentlemen's. Blue or green, felt bound with three rows braid. Price each, 1.25
No. 306. Gentlemen's. Gray graduated felt, plain edge, shaped. Price each, 1.35
No. 323. Gentlemen's. Blue graduated felt, plain edge, shaped. Price each, 1.50
No. 360. Gentlemen's. Extra heavy, blue or green, felt binding and inlay, three rows braid. Price each, 2.00
No. 375. Gentlemen's. Blue or green, broadcloth bound, three rows silk braid. Price each, 2.50
No. 370. Gentlemen's. Blue or green, fine quality, felt bound, one row silk braid. Price each, 3.00
No. 374. Gentlemen's. Blue or green, fine quality, broadcloth bound, three rows silk stitching. Price each, 3.75
No. 377. Ladies'. Blue or green, felt bound, with three rows braid. Price each, 1.50
No. 360. Ladies'. Extra heavy, blue or green, felt binding and inlay, three rows braid. Price each, 2.00
No. 375. Ladies'. Blue or green, broadcloth bound, three rows silk braid. Price each, 2.75



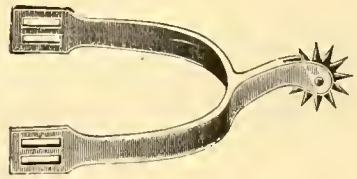
Ladies'.

SPURS.



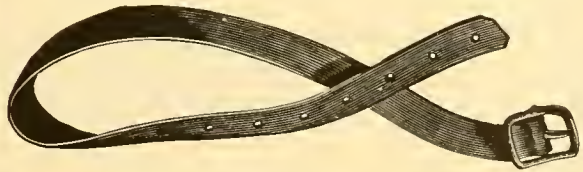
No. 1.

No. 1. Nickel plated. $\frac{5}{8}$ inch steel rowels. Price per pair, $ .50
No. 2. Nickel plated. $\frac{5}{8}$ inch steel rowels. Price per pair, .50
No. 4. Nickel plated. $\frac{3}{4}$ inch steel rowels. Price per pair, .50
No. 6. Nickel plated. $\frac{3}{4}$ inch steel rowels. Price per pair, .50
No. 8. Nickel plated on brass. $\frac{3}{4}$ inch steel rowels. Price per pair, .65
No. 13. Nickel plated on brass. $\frac{3}{4}$ inch steel rowels. Price per pair, .85

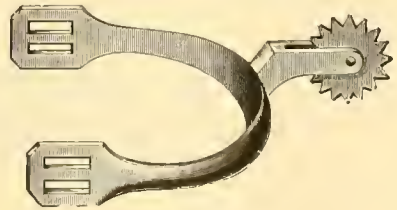


No. 8.

No. 6.

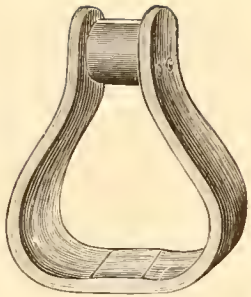


Spur straps, with nickel buckle. Price per pair, .30



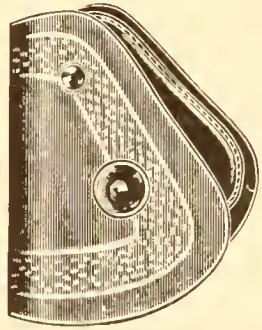
No. 13.

STIRRUPS AND RIDING WHIPS.



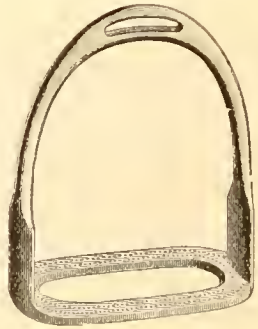
Wood Stirrups.

Price per pair, $ .35



Covered Wood Stirrups.

Russet leather. Price per pair, $1.00



Iron Stirrups.

No. 842. Tinned. Price per pair, $ .50
No. 163. Nickel plated, Price per pair, 1.00
No. 7. Nickel plated, Price per pair, 1.50

Riding Crops.

Buck horn handles, fancy stocks, leather loops. Price each, $1.75 to $2.00

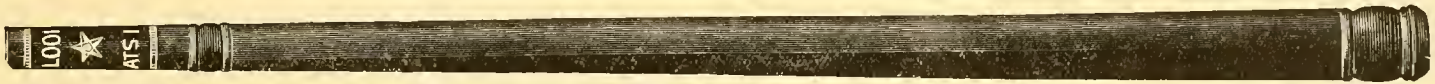
RIDING WHIPS.

No. 716. Stocked java, two nickel ferrules, black. Price each, $ .25
No. 774. Rawhide, waterproof finish, black. Price each, .50
No. 384. Whalebone, waterproof finish, black. Price each, .75

WHIPS.

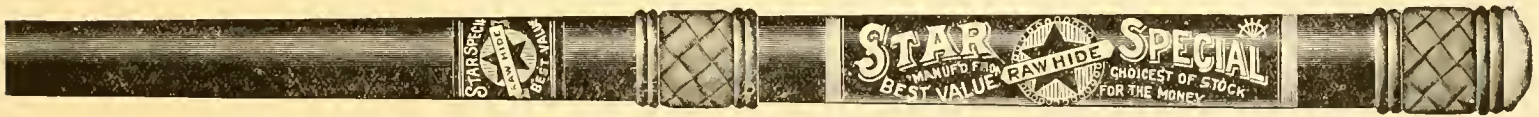
Straight Buggy Whips.

No. 41.	Stocked Java, black or brown, 5½ feet.	Price each, $ .10
No. 41.	Stocked Java, black or brown, 6 feet.	Price each, .10



No. X200.	Selected Reed, duck lined, black, 5½ feet.	Price each, $ .25
No. X200.	Selected Reed, duck lined, black, 6 feet.	Price each, .25
No. 145.	Stocked Java, duck lined, mount and ferrule, loaded handle, black or linen color, 5½ feet.	Price each, .25
No. 145.	Stocked Java, duck lined, mount and ferrule, loaded handle, black or linen color, 6 feet.	Price each, .25
No. 86.	Stocked Java, duck lined, mount and ferrule, black or linen color, 5½ feet.	Price each, .25
No. 86.	Stocked Java, duck lined, mount and ferrule, black or linen color, 6 feet.	Price each, .25
No. 1217.	Stocked Java, mount and ferrule, black with russet handle, 5½ feet.	Price each, .35
No. 1217.	Stocked Java, mount and ferrule, black with russet handle, 6 feet.	Price each, .35

Straight Rawhide Whips.



No. 350.	Full stocked one-half rawhide, black or linen color, 5½ feet.	Price each, $ .50
No. 350.	Full stocked one-half rawhide, black or linen color, 6 feet.	Price each, .50
No. 458.	Full heavy stocked one-half rawhide, linen woven cover, loaded handle, black, 5½ feet.	Price each, .75
No. 458.	Full heavy stocked one-half rawhide, linen woven cover, loaded handle, black, 6 feet.	Price each, .85
No. 138.	Full rawhide with linen cover, black or wine color, 5½ feet.	Price each, .90
No. 138.	Full rawhide with linen cover, black or wine color, 6 feet.	Price each, 1.00
No. 0391.	Full heavy rawhide with rubber cover, black, 6 feet.	Price each, .90
No. 450.	Full heavy rawhide with rubber cover, black or linen color, 5½ feet.	Price each, .90
No. 450.	Full heavy rawhide with rubber cover, black or linen color, 6 feet.	Price each, 1.00

No. 349.	Full heavy rawhide, Grant's vulcanite cover, black or linen color, 5 feet.	Price each, $ .85
No. 349.	Full heavy rawhide, Grant's vulcanite cover, black or linen color, 5½ feet.	Price each, .90
No. 349.	Full heavy rawhide, Grant's vulcanite cover, black or linen color, 6 feet.	Price each, 1.00
No. 1321.	Heavy rawhide with woven wire cover, 17 nickel ferrules, black, 6½ feet.	Price each, 1.25

WHIPS.

STRAIGHT WHALEBONE BUGGY WHIPS.

No. 412.	Half bone, buck lined, russet with leather handle, 5½ feet. Price each,	$1.00
No. 200.	Half bone, buck lined, black, 5½ feet. Price each,	1.50
No. 200.	Half bone, buck lined, black, 6 feet. Price each,	1.50
No. 425.	Half bone, buck lined, black, 5½ feet. Price each,	1.50
No. 445.	Two-thirds bone, buck lined, light and flexible, black, 5½ feet. Price each,	2 00
No. 241.	Two-thirds bone, double cover, medium weight, black, 5½ feet. Price each,	2.00
No. 241.	Two-thirds bone, double cover, medium weight, black, 6 feet. Price each,	2.00

EXPRESS AND TEAM WHIPS.

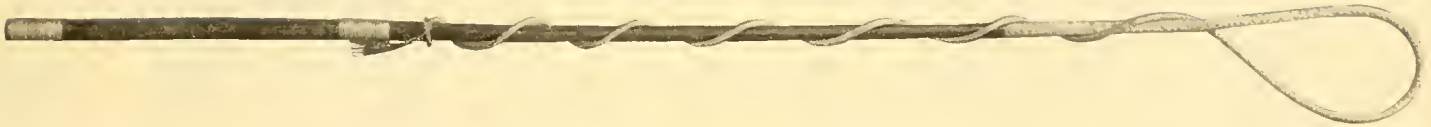
No. 600.	Java stock, woven cover and lash, linen color, 2¾ feet. Price each,	$ .10
No. 624.	Java stock, woven cover and lash, linen color with black handle, 3½ feet. Price each,	.20
No. 526.	Full Java, covered wood handle with ferrule, woven cover and lash, brown or black, 3½ feet. Price each,	.25
No. 560.	Full stocked flexible Java, nickel ferrules, white cotton lash, black, 3½ feet. Price each,	.35
No. 560.	Full stocked flexible Java, nickel ferrules, white cotton lash, black, 4 feet. Price each,	.35
No. 697.	"Corabone" body and lash, woven cover, horsehide snap, black, 3½ feet. Price each,	.50
No. 537.	Full Java stock, woven cover and lash, six black buttons, wine color, 5 feet. Price each,	.50
No. 590.	Full stocked rawhide, waterproof finish, horsehide lash, black, 3½ feet. Price each,	.50
No. 590.	Full stocked rawhide, waterproof finish, horsehide lash, black, 4 feet. Price each,	.60
No. X592.	Full stocked rawhide, waterproof finish, hand braided horsehide lash, black, 3½ feet. Price each,	.60
No. X592.	Full stocked rawhide, waterproof finish, hand braided horsehide lash, black, 4 feet. Price each,	.65
No. 598.	Rawhide, woven cover and long lash, eight brass ferrules, linen color, 5½ feet. Price each,	.75

TRACK WHIPS.

No. 270.	Stocked Java, black, 4⅓ feet. Price each,	$ .35
No. 273.	Full rawhide with linen cover, black, 4⅓ feet. Price each,	.75

WHIPS, ETC.

DROP TOP EACH WHIPS.



No. 420. Imitation holly, two linen buttons, horsehide lash. Price each, $2.50
No. 1469. Holly, two nickel ferrules, pigskin handle, horsehide lash. Price each, 3.00
No. 2583. Holly, two silver ferrules, white celluloid handle, horsehide lash. Price each, 3.50
No. 2853. Holly, two chased silver ferrules, russet leather handle, horsehide lash, light weight for ladies' use. Price each, 3.75
No. 1484. Holly, two chased silver ferrules, russet leather handle, rawhide lash. Price each, 4.00
No. 2581. Holly, two chased silver ferrules, russet leather handle, rawhide lash. Price each, 4.50

SCREW REPAIR TOPS FOR WHIPS.

No. 860. For straight whips, Java, black, 3 feet. Price each, $ .25
No. 865. For lash whips, woven cover, white, 4½ feet. Price each, .25

WHIP SNAPPERS.

Assorted colors.

Cotton. Price per dozen, $ .35 Half silk. Price per dozen, $ .50 Silk. Price per dozen, $ .60

WHIP FERRULES.

Nickel plated, assorted sizes and lengths. Price per dozen, $ .60

WHIP STOCKS.

No. 1. Hand shaved white oak or hickory, rawhide keeper, 4 feet. Price each, $ .35
"Sandow." Rawhide, linen covered, five nickel ferrules, rawhide keeper, 4 feet. Price each, 1.00

WHIP LASHES.

Length,	3½,	4,	4½,	5,	5½,	6,	10,	12 feet.
Rounded leather. Price each,	$ .10	.12	.15	.17	.20			
Braided horsehide. Price each,	.20	.20	.25	.25	.25	.30	.75	.85
Braided buckskin. Price each,							1.25	1.50

HARNESS SOAP.

BAUMS CASTORINE COMPANY
SIZE No 1
Baum's
Leather Dressing
SOAP
A COMBINED OIL SOAP AND DRESSING FOR SOFTENING CLEANING AND FINISHING HARNESS
THE MOST PERFECT ARTICLE FOR THIS USE
ROME, N.Y. U.S.A.

Baum's Leather Dressing.
Black.

1 pound cans.	Price each,	$ .25
2 pound cans.	Price each,	.50
5 pound cans.	Price each,	1.00
10 pound cans.	Price each,	1.75
25 pound cans.	Price each,	3.50

COLGATE & CO.'S
BLACK
HARNESS SOAP
NEW YORK.
This Soap is not only adapted for the cleansing and oiling of Harness, but is peculiarly suited to the OILING of Boots, Shoes, Carriage and Buggy Tops, or any article made of Leather or Rubber.

Colgate & Co's Eagle. Black.

¾ pound cakes.	Price each,	$ .25
3 pound bars.	Price each,	.90

Hollingshead's Castile Cream.
Black.

1 pound cans.	Price each,	$ .25
2 pound cans.	Price each,	.50
5 pound cans.	Price each,	1.00
10 pound cans.	Price each,	1.75
25 pound cans.	Price each,	3.50

Porpoisine Velvet.
Black.

1 pound cans.	Price each,	$ .25
2 pound cans.	Price each,	.50

HARNESS SOAP, CARRIAGE TOP DRESSING, ETC.

English Crown Soap.

1 pint jars.	Price each,	$ .50
1 quart jars.	Price each,	.75

Black Ball.

For finishing edges.

Small sticks.	Price each,	$ .10
Large sticks.	Price each,	.15

Carriage Top Dressing.

Sterling.

For renewing worn and faded carriage tops in either leather or rubber.

½ pint cans.	Price each,	$ .25
1 pint cans.	Price each,	.50

Castile Soap.

White.	Price per bar,	$ .65
Green.	Price per bar,	.65
Mottled.	Price per bar,	.65

Edge Ink.

For blacking leather and strap work.

1 pint bottles.	Price each,	$ .15
1 quart bottles.	Price each,	.25
5 gallon kegs.	Price each,	2.00

In bulk, (package extra unless furnished).

Price per gallon, $ .50

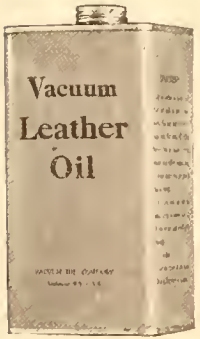
HARNESS OIL.

Midnight Harness Oil.
Black.

1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50
½ gal. cans.	Price each,	.75
1 gal. cans.	Price each,	1.25
5 gal. cans.	Price each,	5.00

Crosby's Harness Oil.
Black.

1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50
½ gal. cans.	Price each,	.75
1 gal. cans.	Price each,	1.25
5 gal. cans.	Price each,	5.00



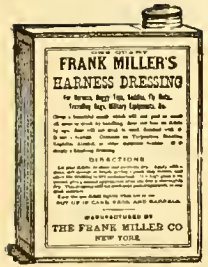
Vacuum Process Harness Oil.
Black.

½ pint cans.	Price each,	$ .20
1 pint cans.	Price each,	.25
1 quart cans.	Price each,	.50
½ gal. cans.	Price each,	.75
1 gal. cans.	Price each,	1.25
5 gal. cans.	Price each,	5.00

Baum's Neatsfoot Oil.

1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50
½ gal. cans.	Price each,	.90
1 gal. cans.	Price each,	1.50
5 gal. cans.	Price each,	5.00

HARNESS DRESSING.



Frank Miller's.

1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50
1 gallon cans.	Price each,	1.50

Baum's.

1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50
1 gallon cans.	Price each,	1.50

Miller's Patent Leather Polish.

A paste for cleaning and restoring articles made of patent or enamelled leather. Tin boxes. Price each, $ .10

Porpoisine Compo.

A black paste for polishing either plain or patent leather. Small cans. Price each, $ .25
Large cans. Price each, .50

Also made in colors for russet or red leather.

Miller's Russet Leather Polish.

A paste for polishing any article made of russet or tan leather. Tin boxes. Price each, $ .10

LIQUID METAL POLISH.

Putz Cream.

White.

½	pint cans.	Price each,	$ .25
1	pint cans.	Price each,	.40
1	quart cans.	Price each,	.65
½	gallon cans.	Price each,	1.00
1	gallon cans.	Price each,	1.75

North Star.

White.

½	pint cans.	Price each,	$ .20
1	pint cans.	Price each,	.35
1	quart cans.	Price each,	.60
½	gallon cans.	Price each,	.85
1	gallon cans.	Price each,	1.25

Brilliant.

White or Black.

½	pint cans.	Price each,	$ .25
1	pint cans.	Price each,	.40
1	quart cans.	Price each,	.65
½	gallon cans.	Price each,	1.00
1	gallon cans.	Price each,	1.75

United States.

White.

½	pint cans.	Price each,	$ .25
1	pint cans.	Price each,	.40
1	quart cans.	Price each,	.65
½	gallon cans.	Price each,	1.00
1	gallon cans.	Price each,	1.75

TRADE MARK AND LABEL REGISTERED MAR. 1885
THE MOST WONDERFUL METAL POLISH IN THE WORLD
BRILLIANT
ASK FOR SAMPLE
TRADE MARK
IT CLEANS and POLISHES as by magic ALL KINDS of METALS for QUICKNESS ELEGANCE and DURABILITY it has no equal
Manufactured by
F.M. TRAFTON CO.
BOSTON MASS
U.S.A.

LIQUID METAL POLISH.

Ruby-Rub.

Red.

½	pint cans.	Price each,	$ .25
1	pint cans.	Price each,	.40
1	quart cans.	Price each,	.65
½	gallon cans.	Price each,	1.00
1	gallon cans.	Price each,	1.50

Quickshine.

White.

½	pint cans.	Price each,	$ .25
1	pint cans.	Price each,	.40
1	quart cans.	Price each,	.65
½	gallon cans.	Price each,	1.00
1	gallon cans.	Price each,	1.50

PASTE METAL POLISH.

Putz Pomade.

3 ounce tin boxes,
Price each, $ .10

United States.

3 ounce tin boxes.
Price each, $ .10

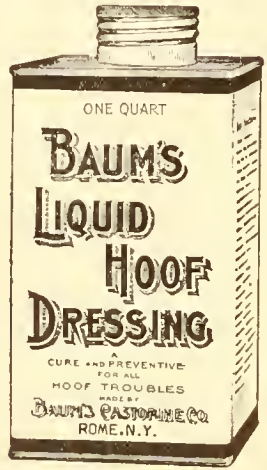
Excellent.
Economical.
U.S. METAL POLISH
G. W. Hoffman, Sole Prop. 295 E. Wash. St.
INDIANAPOLIS, IND.
TRADE MARK.
INFALLIBLE
FOR POLISHING GOLD, SILVER, PLATED WARE, NICKEL, TIN, BRASS, COPPER, Etc.
DIRECTIONS:
Take a little of the Polish on a soft cloth, rub the Metal hard and then wipe it off with a dry cloth
No Experiment.
A Recognized Success.

HOOF REMEDIES.

THE BEST REMEDY FOR ALL DISEASES OF HORSES FEET
CAMPBELL'S
HORSE FOOT REMEDY
GUARANTEED UNDER THE DRUG AND FOOD ACT
JUNE 30TH 1906 SERIAL NUMBER 1219
JAS. B CAMPBELL & CO.
418 W. MADISON ST. CHICAGO.

Campbell's Horse Foot Remedy.

1 pint cans.	Price each,	$ .60
1 quart cans.	Price each,	1.00
½ gallon cans.	Price each,	1.75
1 gallon cans.	Price each,	3.00

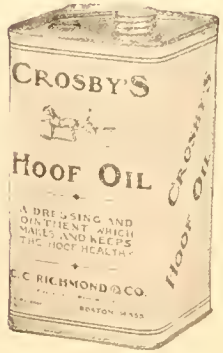


Baum's Liquid Hoof Dressing.

1 pint cans.	Price each,	$ .40
1 quart cans.	Price each,	.75
½ gallon cans.	Price each,	1.35
1 gallon cans.	Price each,	2.25

Crosby's Hoof Oil.

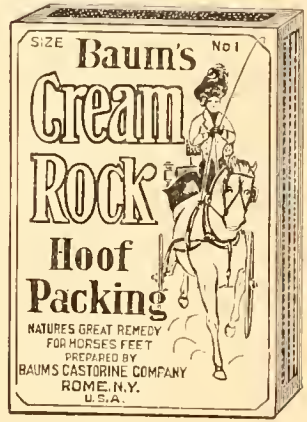
1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50
½ gallon cans.	Price each,	1.00
1 gallon cans.	Price each,	1.75



Baum's Cream Rock Hoof Packing.

A preparation of medicated rock. Softens the frog, cools the foot and allays inflammation.

No. 1.	Carton, 2½ lbs. Price each,	$ .25
No. 2.	Carton, 5 lbs. Price each,	.50
No. 3.	Wood boxes. 12½ lbs. Price each,	1.00



HORSE REMEDIES.

BICKMORE'S GALL CURE

the genuine with trade mark on every box. A sure cure for sores and wounds of any kind on horse and cattle. Will cure galls under the harness while the horse is worked. 25 cents per box.

Bickmore's Gall Cure.

2 ounce boxes.	Price each,	$ .25
6 ounce boxes.	Price each,	.50
16 ounce boxes.	Price each,	1.00

Tuttle's Elixir.

An old and well known horse remedy.
Price per bottle, $ .50

Scotch Condition Powders.

A celebrated remedy for horses and cattle. Price per package, $ .50

Anti-Itis

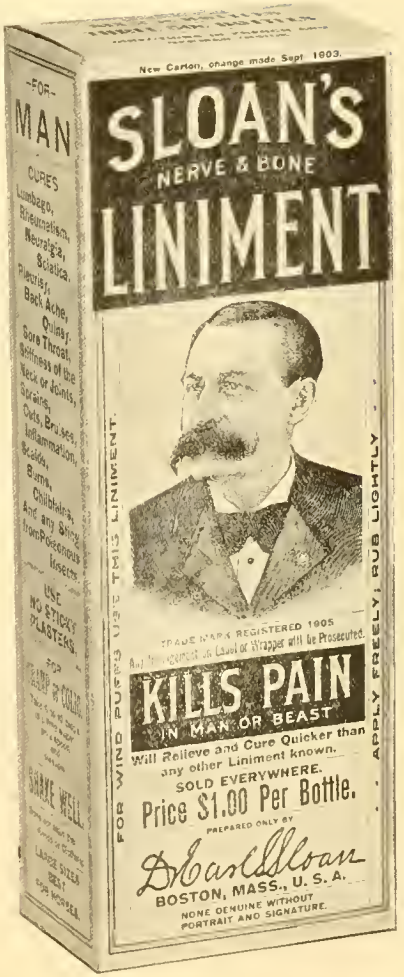
(anti-inflammation)

A hydro-absorbant and antiseptic used for all surgical dressings.

Tin boxes, ½ pound.	Price each,	$ .25
Tin boxes, 1 pound.	Price each,	.50
Tin boxes, 1¾ pound.	Price each,	.75
Tin boxes, 5 pound.	Price each,	2.00

Sloan's Preparations.

Liniment, small size.	Price each,	$ .50
Liniment, large size.	Price each,	1.00
Colic Cure.	Price each,	1.00
Quick Cure.	Price each,	.50
Embrocation.	Price each,	.75
Worm Powders.	Price each,	1.00
Hoof Ointment.	Price each,	.50
Blister.	Price each,	.50


New Carton, change made Sept. 1903.
-FOR-
MAN
CURES
Lumbago, Rheumatism, Neuralgia, Sciatica, Pleurisy, Back Ache, Quinsy, Sore Throat, Stiffness of the Neck or Joints, Sprains, Cuts, Bruises, Inflammation, Scalds, Burns, Chilblains, And any Sting from Poisonous Insects.
USE NO STICKY PLASTERS.
SLOAN'S
NERVE & BONE
LINIMENT
TRADE MARK REGISTERED 1905
KILLS PAIN
IN MAN OR BEAST
Will Relieve and Cure Quicker than any other Liniment known.
SOLD EVERYWHERE.
Price $1.00 Per Bottle.
PREPARED ONLY BY
Dr. Earl S. Sloan
BOSTON, MASS., U. S. A.
NONE GENUINE WITHOUT PORTRAIT AND SIGNATURE.
FOR WIND PUFFS USE THIS LINIMENT.
APPLY FREELY, RUB LIGHTLY.

SALT BRICKS AND FEEDERS.

This method of feeding pure salt to stock is growing in favor daily. It enables the animals to gratify their want for salt whenever their systems require it. When fine salt is mixed with feed it must be swallowed, whether too much or too little, but this method allows them to satisfy their hunger according to their desires. The bricks are made of pure salt, which does away with the impurities found in the rock salt which heretofore has been generally used.

Galvanized feeders.	Price each,	$ .50
Salt bricks for above.	Price each,	.25
Roto feeders.	Price each,	.25
Salt bricks for above.	Price each,	.25

Galvanized feeder and salt brick.

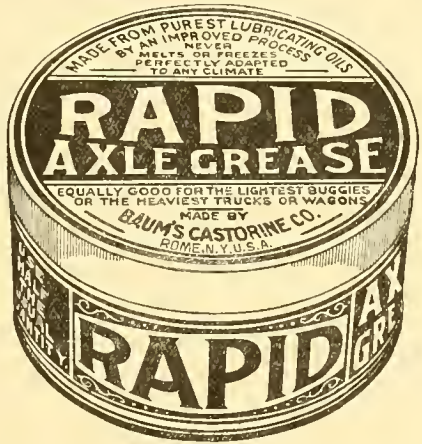
Porcelain Roto feeder and salt brick.

IMPORTED PREPARATIONS.

Elliman's Royal Embrocation.	Price each,	$1.00	Jamieson & Co's Harness Compo. Small size.	Price each,	$ .40
Propert's Saddle Soap.	Price each,	.40	Jamieson & Co's Harness Compo. Med. size.	Price each,	.60
Propert's Saddle Paste.	Price each,	.50	Jamieson & Co's Harness Compo. Large size.	Price each,	1.00
Propert's Breeches and Glove Paste.	Price each,	1.25	Pickering's Blanco in metal boxes.	Price each,	.50
	Pipe Clay in cubes.	Price each, $ .10			

AXLE GREASE AND OIL.

1LB. DECORATED CAN.



Frazer.

1 pound cans.	Price each,	$ .10
3 pound cans.	Price each,	.25

Rapid.

1 pound cans.	Price each,	$ .10
3 pound cans.	Price each,	.25

Mica.

1 pound cans.	Price each,	$ .10
3½ pound cans.	Price each,	.25

Snow Flake.

1 quart cans.	Price each,	$ .25
2 quart cans.	Price each,	.50
1 gallon cans.	Price each,	.75

Miller's Axle Oil.

1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50

Baum's Axle Oil.

1 pint cans.	Price each,	$ .25
1 quart cans.	Price each,	.50

CHAMOIS SKINS, SPONGES, ETC.

Chamois Skins.

No. 4.	10x13	inches. Price each,	$ .15
No. 5.	11x13½	inches. Price each,	.20
No. 6.	12x14	inches. Price each,	.25
No. 8.	13x16	inches. Price each,	.30
No. 9.	13x17	inches. Price each,	.35
No. 10.	14x18	inches. Price each,	.40
No. 11.	15x20	inches. Price each,	.45
No. 12.	16x21	inches. Price each,	.55
No. 13.	17x23	inches. Price each,	.60
No. 14.	19x25	inches. Price each,	.65
No. 15.	20x26	inches. Price each,	.85
No. 16.	23x26	inches. Price each,	1.00

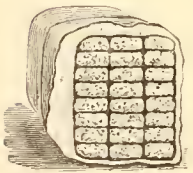
French Oil Dressed.

No. 3.	About 21x28 inches.	Price each,	$ .85
No. 100.	About 30x36 inches.	Price each,	1.15

English Oil Dressed.

No. 24.	About 22x26 inches.	Price each,	$ .90
No. 27.	About 25x28 inches.	Price each,	1.00

Sponges.



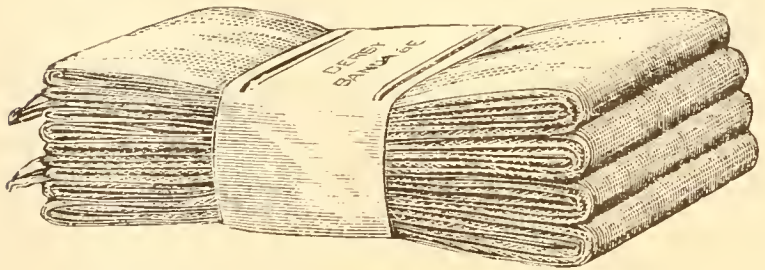
Velvet, 8 to 10 to pound.	Price per ounce,	$ .25
Sheepswool, 5 to 10 to pound. Medium Forms.	Price per ounce,	.35
Sheepswool, 5 to 10 to pound. Forms.	Price per ounce,	.40

Rubbing Cloths.

Linen, English, fancy border.	Price each,	$ .50

Harness Cloths.

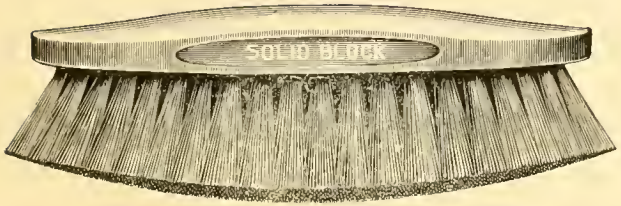
Fancy border, 22x24 inches.	Price each,	$ .25



Bandages.

White cotton, 2 yards.	Price per set of 4,	$ .40
White cotton, 2½ yards.	Price per set of 4,	.50
White cotton, 3 yards.	Price per set of 4,	.60
Fawn cotton, 2 yards.	Price per set of 4,	.60
Fawn cotton, 2½ yards.	Price per set of 4,	.65
Fawn cotton, 3 yards.	Price per set of 4,	.75
White cotton, single web, 3 yards.	Price per set of 4,	1.00
Electric.	Price per dozen,	1.25

DANDY BRUSHES.



Nos. A, 55, 101, 1, 10.

Enjabeco Fibre.

No. 101.	Flat face, trimmed 1¾ inches, polished block, 9¾x2⅝ inches.	Price each,	.25
No. 64.	Oval face, trimmed 1⅞ inches, polished block, 10x2¾ inches.	Price each,	.40
No. 0264.	Oval face, trimmed 2 inches, polished block, 9½x2⅝ inches, embossed leather side pieces.	Price each,	.50

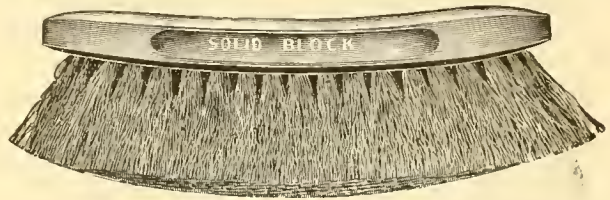
No. 0264.

Rice Root.

Tiona.	Oval face, trimmed 2 inches, varnished block, 10x2⅞ inches.	Price each,	.45
Tiona.	As above with embossed leather side pieces.	Price each,	.50
Savona.	Oval face, trimmed 2 inches, varnished block, 10x3 inches, embossed leather side pieces.	Price each,	.60
No. 498.	Oval face, trimmed 2 inches, varnished block, 10x2⅞ inches.	Price each,	.60
No. 498.	As above with embossed leather side pieces.	Price each,	.65
No. 598.	Oval face, trimmed 2 inches, varnished block, 10¼x3 inches.	Price each,	.70
No. 598.	As above with embossed leather side pieces.	Price each,	.75

Bassine Root.

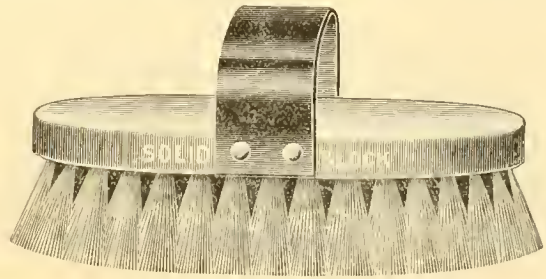
No. A.	Flat face, trimmed 1¾ inches, polished block, 9¾x2⅝ inches.	Price each, $	.20
No. 55.	Flat face, trimmed 1¾ inches, polished block, 10x2⅝ inches.	Price each,	.25
No. 406.	Oval face, trimmed, 1¼ inches, polished block, 8½x4 inches, leather strap handle.	Price each,	.35
No. 412.	Oval face, trimmed, 1½ inches, polished block, 8¾x4 inches, leather strap handle.	Price each,	.40



No. 64.

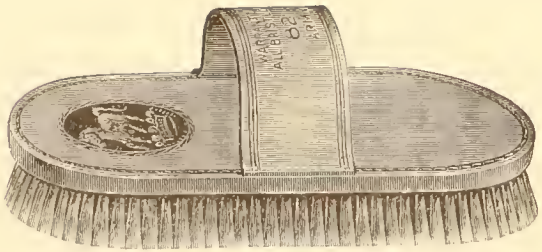
Rice Root.

No. 1.	Flat face, trimmed 1½ inches, polished block, 10x2¾ inches.	Price each,	.25
No. 10.	Flat face, trimmed 1½ inches, varnished block, 10x2¾ inches.	Price each,	.25
Etna.	Flat face, trimmed 2 inches, varnished block, 10x2¾ inches.	Price each,	.35
Etna.	As above with embossed leather side pieces.	Price each,	.40

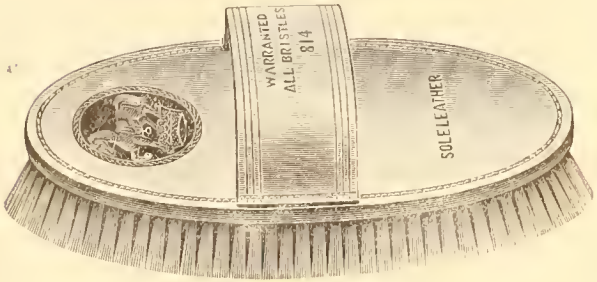


Nos. 406, 412.

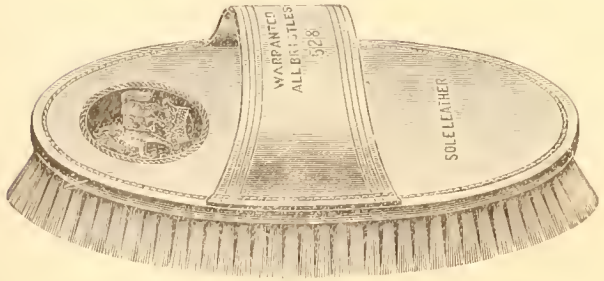
BODY BRUSHES.



Leader, No. 95.

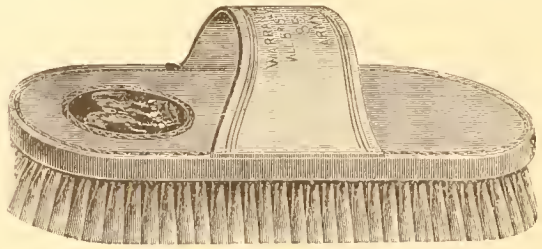


J. B. Nos. 88, 99.



Nos. 445, 33.

No. 26.	Black tampico fibre, oval face, split leather back, leather strap. Price each,	$ .50
No. 68 X.	Yellow tampico fibre, oval face, maroon leather back, russet leather strap. Price each,	.65
No. 41.	Gray tampico fibre, oval face, russet leather back, wide curved leather strap. Price each,	.75
No. A. I. C.	Yellow tampico fibre and bristles, oval face, sole leather back, leather strap. Price each,	1.00
Leader.	Gray mixed bristles, outside row wired through back, flat face, Army shape, sole leather back, leather strap. Price each,	1.25
J. B.	Warranted all bristles, black mixed, flat face, sole leather back, leather strap. Price each,	1.50
No. 95.	Warranted all bristles, gray, outside row wired through back, flat face, Army shape, sole leather back, leather strap. Price each,	1.75
No. 445.	Warranted all bristles, black, flat face, flexible sole leather back, wide curved leather strap. Price each,	2.00
No. 77.	Warranted all bristles, gray, flat face, Army shape, sole leather flexible back, curved leather strap. Price each,	2 25
No. 33.	Warranted all bristles, black, flat face, leather flexible back, curved leather strap. Price each,	2.50
No. 88.	Warranted all bristles, black, flat face, sole leather flexible back, leather strap. Price each,	2.75
No. 99.	Warranted all bristles, white, flat face, sole leather flexible back, leather strap. Price each,	3 00



No. 77.

MISCELLANEOUS.

Compo. Brushes.

No. 80. Black horse hair, brass wire drawn, polished block.
Price per set of 2 brushes, $2 00

No. 123. Black horse hair, brass wire drawn, polished block.
Price per set of 3 brushes, 3.00

Spoke Brushes.

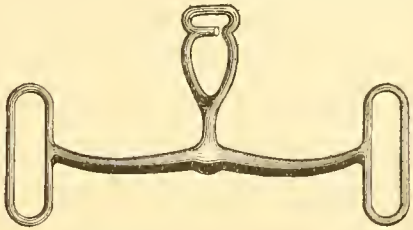
No. 16. Gray bristles, brass wire drawn, polished block, 15 inches long. Price each, $1.50

Read's Rein Holders.

Prevent accidents due to reins catching under end of shafts or traces.

Imitation rubber.	Price per pair,	$ .25
Nickel plated.	Price per pair,	.25
Brass plated.	Price per pair,	.30

Read's Rein Terrets.

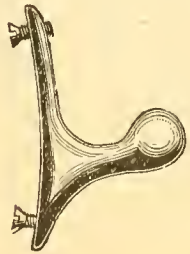


To attached throat latch.
Japanned. Price each, $ .25
Imitation rubber.
Price each, .40
Nickel plated.
Price each, .50

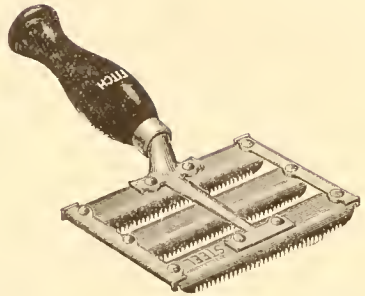
Read's Rein Supporters.

Prevent reins catching under horse's tail or end of hip strap.

Imitation rubber.	Price per pair,	$ .25
Nickel plated.	Price per pair,	.25
Brass plated.	Price per pair,	.30



CURRY COMBS.



No. 500.

No. 500. Six steel bars, malleable trimmings. Price each, $ .15

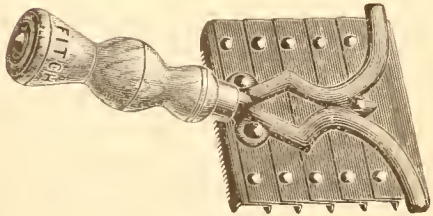
No. 510. Six brass bars, X. C. malleable trimmings. Price each, .25

No. 400.

Six steel bars, malleable trimmings. Price each, $ .20

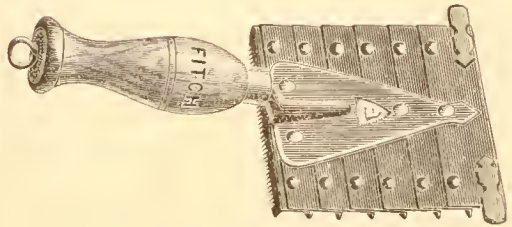
No. 540.

Eight steel bars, wrought steel trimmings. Price each, $ .25



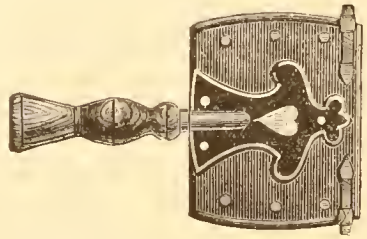
No. 239.

Seven steel bars, malleable trimmings. Price each, $ .25



No. 236.

Eight steel bars, malleable trimmings. Price each, $ .30

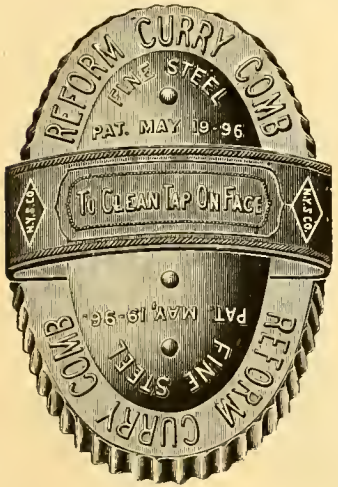


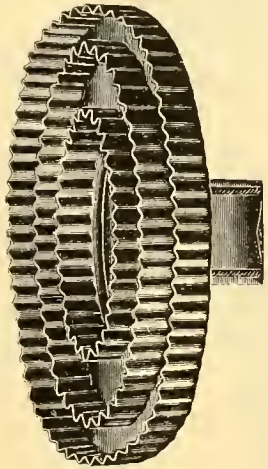
English.

No. 1286. Eight steel bars, steel trimmings. Price each, $ .50

No. 28. Seven steel bars, steel trimmings. Price each, .50

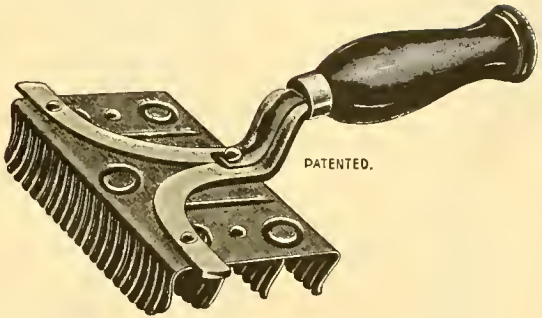
PATENT CURRY COMBS.





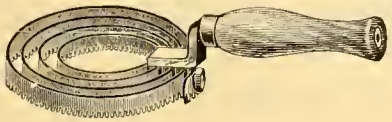
Reform.

Steel, brass plated, leather handle. Price each, $ .25



Hunter Humane.

Lacquered steel. Price each, $ .25



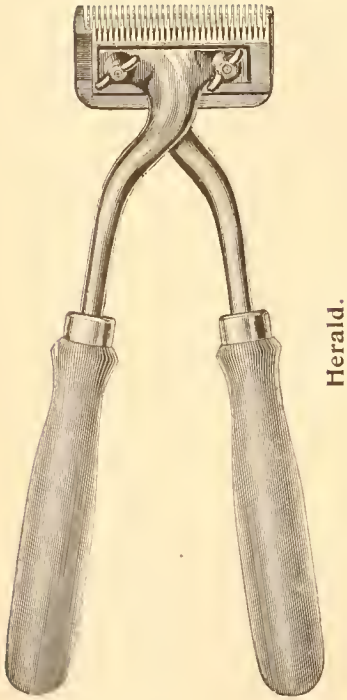
Spring Steel.

Japanned. Price each, $ .25

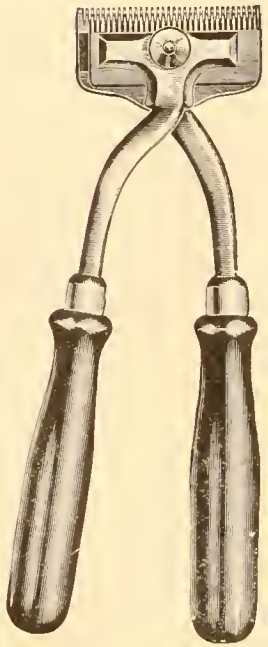
Champion.

Japanned, leather handle. Price each, $ .25

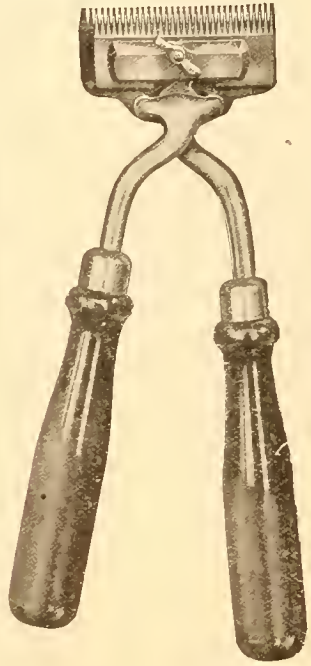
HORSE CLIPPERS, ETC.



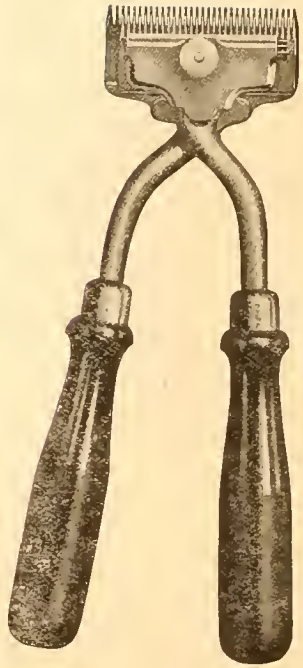
Herald.
Polished steel, wood handles.
Price each, $1.25



No. 179.
Polished steel, wood handles.
Price each, $1.50

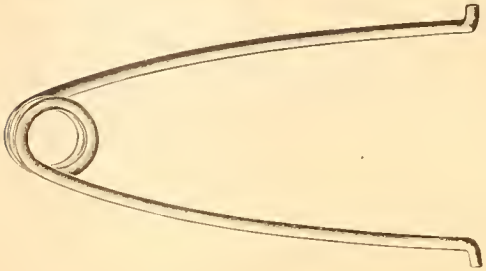


No. 19.
Polished steel, wood handles, Newmarket pattern.
Price each, $1.75



No. 159.
Nickel plated, wood handles, ball bearing.
Price each, $2.00

SPRINGS FOR TOILET AND FETLOCK CLIPPERS.

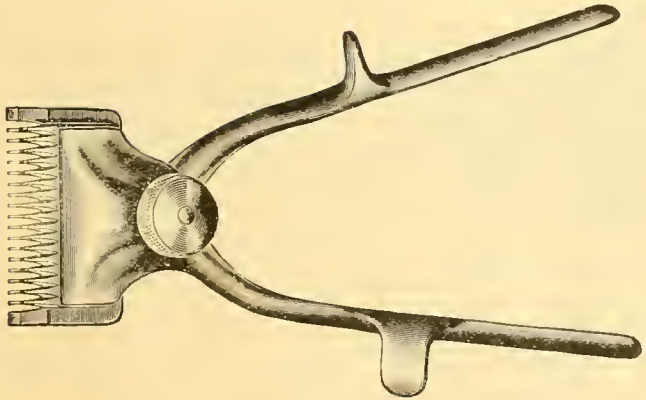


No. 1.
Price each, $ .15

No. 2.
Double coil.
Price each, $ .10

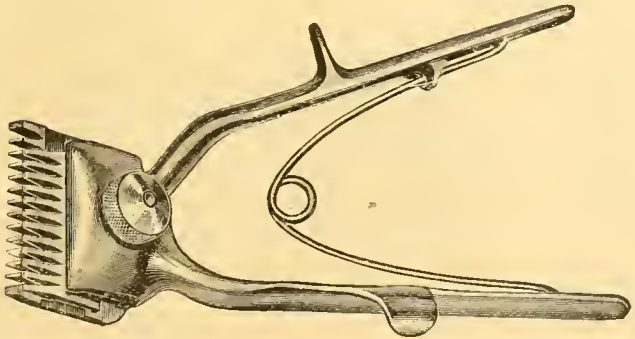
No. 3.
Single coil.
Price each, $ .10

TOILET AND FETLOCK CLIPPERS.



Champion.

Nickel plated. Price each, $1.00

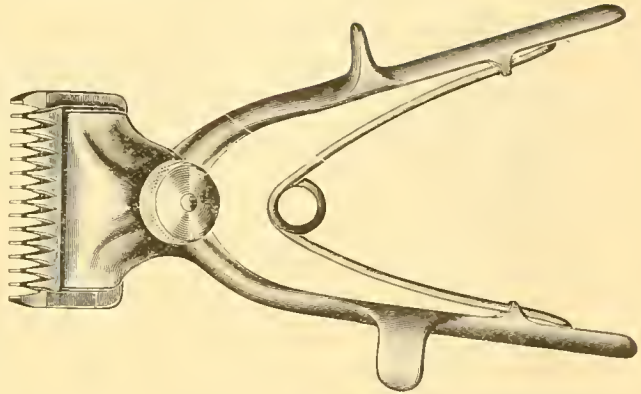


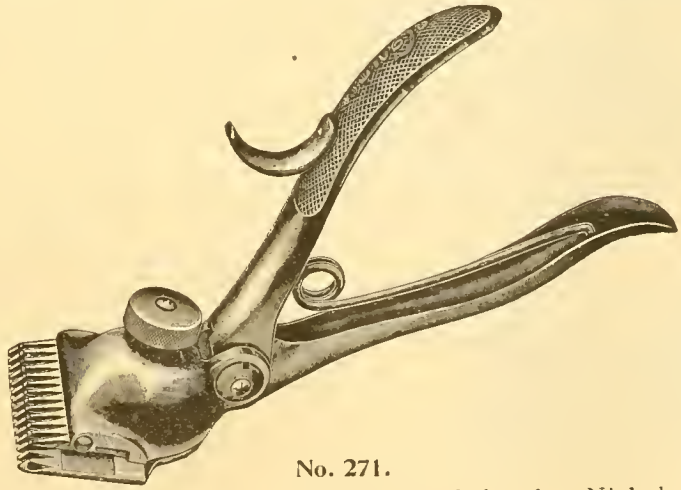
No. 64.

Nickel plated. Price each, $1.75

No. 71.
Nickel plated. Price each, $1.50

No. 171.
Nickel plated, ball bearing. Price each, 1.75

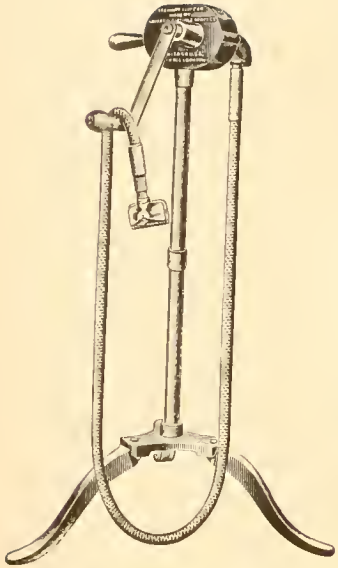




No. 271.

Adapted for use with either right or left hand. Nickel plated, ball bearing. Price each, $2.25

HORSE CLIPPING MACHINES.

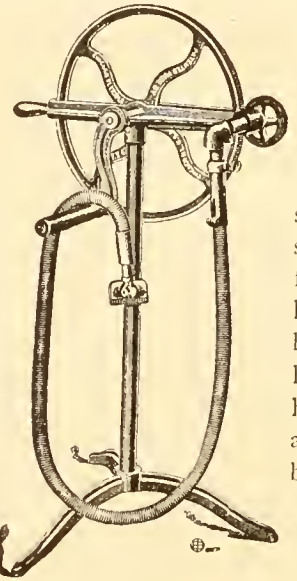


Stewart No. 1.

The Ball-Bearing Enclosed Type Clipping Machine.

Has rigid base; tubular upright; gears all cut from solid metal and enclosed in dust-proof metal box; all wearing parts are of hardened steel; new style, light, easy running flexible shaft—6 feet long; compact—can be carried in a satchel or handled as shelf goods. Size of box only 6x11x12½ inches. The most perfect clipping machine ever made at any price. Weight, boxed, 36 pounds.

Price each, $7.50



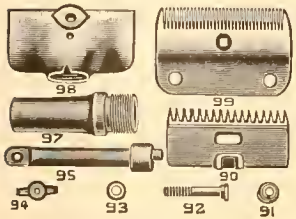
1902 Chicago Clipping Machine.

(Stewart Patent)

Has rigid base; tubular upright; large, strong crank handle; 6½ foot flexible steel shaft; teeth in large gear, all cut from solid metal; wearing parts all hardened tool steel; positive power; no belt to slip. Can be turned with either hand. Simple, strong, durable. It is light running and noiseless. Will clip a horse in 30 minutes. Weight, 56 lbs. boxed, 70 pounds.

Price each, $10.75

Parts of Handle and Knife used on above Horse Clipping Machines.

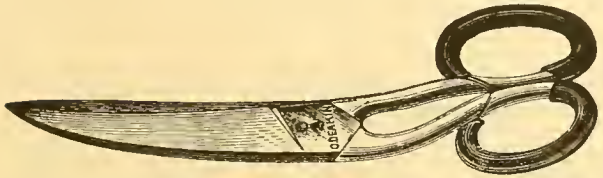


Stewart patent horse clipper handle and knife, complete,		$3.50
Stewart patent horse clipper knife without handle,		2.50
Stewart patent horse clipper handle only,		1 00
No. 90.	Top plate,	1.00
No. 91.	Tension spring of handle,	.05
No. 92.	Tension bolt of handle,	.05
No. 93.	Eccentric roll of handle,	.10
No. 94.	Tension nut of handle,	.05
No. 95.	Pin and shaft of handle,	.35
No. 97.	Shank of handle,	.40
No. 98.	Front part of handle,	.50
No. 99.	Bottom plate,	1.50

HORSE CARDS, CLIPPING COMBS AND SHEARS.

Clipping Combs.

Rubber, 7½ inches long.	Price each,	$ .25
German silver, 7½ inches long.	Price each,	.50



Clipping Shears.

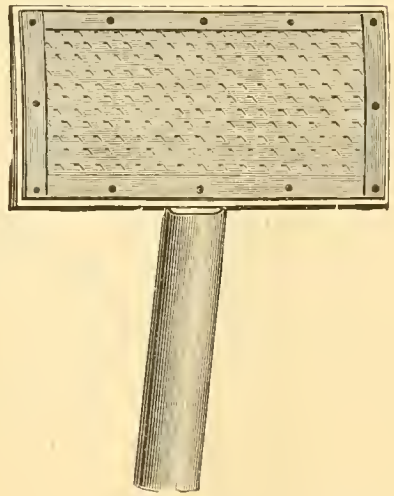
Leather covered bows. Price each, $1.00

Mane Combs.

Rubber, 4½ inches long.	Price each,	$ .25
Aluminum, 4 inches long.	Price each,	.25

Horse Cards.

No. 04. 5¾ x 3½ inches, leather-board back. Price each,	$ .08
No. 4. 5¾ x 3½ inches, leather back. Price each,	.10
No. 3. 5¾ x 3½ inches, leather back, leather bound. Price each,	.12
No. 1. 8¼ x 3½ inches, leather back. Price each,	.12



No. 3.

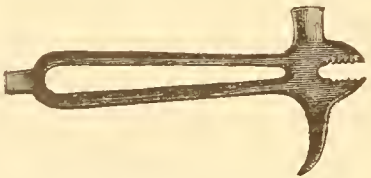
TOOTH FLOATS, SCRAPERS, ETC.

No. 320 Float.

Complete with one file. Price each, $1.00

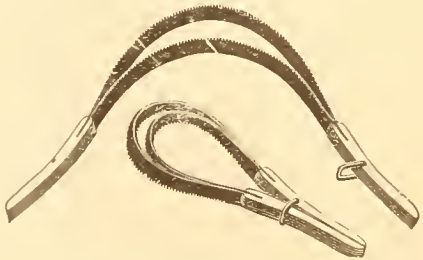
No. 329 Jointed Float.

Complete with two heads and two files. Price each, $2.00



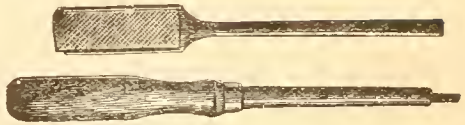
Combination Hoof Cleaner.

Japanned. A useful tool. Hammer, hoof pick, wrench, screw-driver, etc., in one. Price each, $ .25



Spear's Sweat Scraper.

Flexible brass, teeth on one side. Price each, $ .50

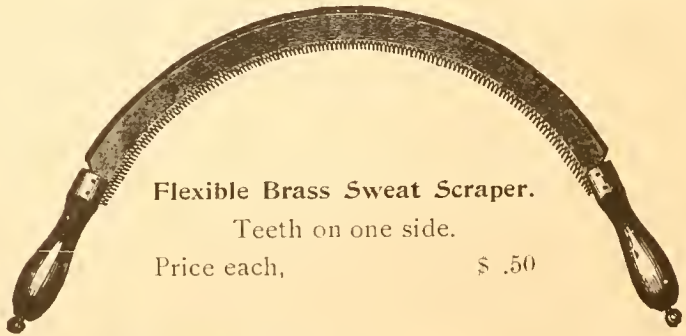


No. 321 Jointed Float.

Complete with one file. Price each, $1.50

Extra Files for Floats.

Reversible, rasp or file cut. Price each, $ .25



Flexible Brass Sweat Scraper.

Teeth on one side.

Price each, $ .50

Hickory Sweat Scraper.

Price each, $ .25

MISCELLANEOUS.

Stable Brooms.

Rattan centre.

3 lb. Price each, $ .60

3½ lb. Price each, .65

Hitching Weights.

Cast Iron.

12, 14, 16, 18, 20 and 25 pounds.

Price per pound, $ .05

Hitching Weight Straps.

No. 7. Buckle and billet with snap, 7 feet long, ⅞ inch wide. Price each, $ .75

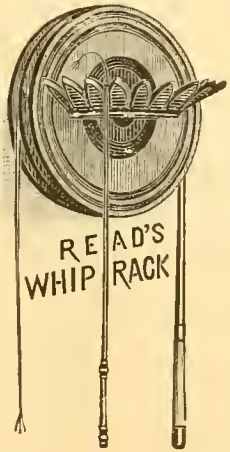
No. 10. Buckle and billet with snap, 10 feet long, ⅞ inch wide. Price each, 1.00

Circular Whip Racks.

Diameter, 14 inches. Japanned.

Will hold 200 whips.

Price each, $ .85



Read's Whip Racks.

Wood back with iron holder. Will hold both straight and lash whips.

Price each, $ .50

MISCELLANEOUS.

Hartford Toe Weights.

Solid brass, nickel plated. Put up in sets 1 to 4 oz. Price per set, $ .75
Extra spurs for above. Price per pair, .25
For other styles see our Horse Boot Catalog.

Wool Carriage Dusters.

Made from the finest imported wool. Will not scratch or mar the most highly finished surface.

Nos.	0,	2,	4,	6,
Length of wool,	7¾,	9,	10,	11½ inches.
Price each,	$ .35,	.50,	.65,	.85

Rein Buttons.

Briar wood, russet or black.
Price per pair, $ .20

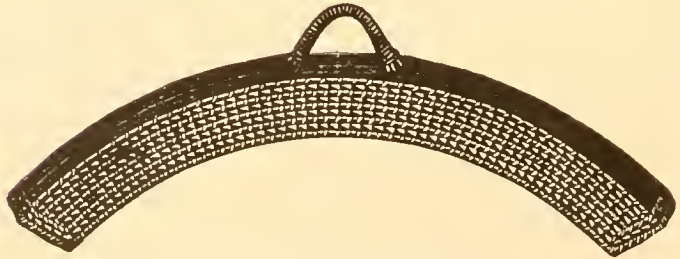
Puttee Leggins.

Russet or Black Imitation Pigskin.

No. 6. Seamed back, riveted straps and billets.
Price per pair, $2.50

No. 8. Made in one piece, riveted straps and billets.
Price per pair, 3.50

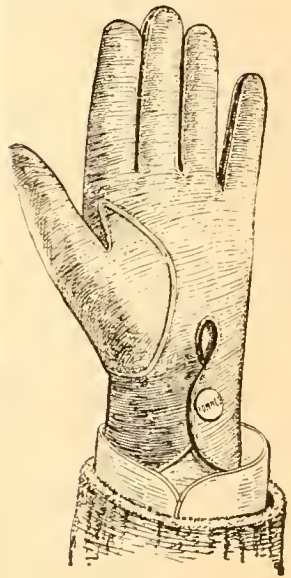
No. 1. Made in one piece, sewed straps and billets.
Price per pair, 4.00



Wicker Wheel Guards.

Used to prevent soiling clothing in entering or leaving carriage. Price each, $1.50

No. 9
FOWNES'

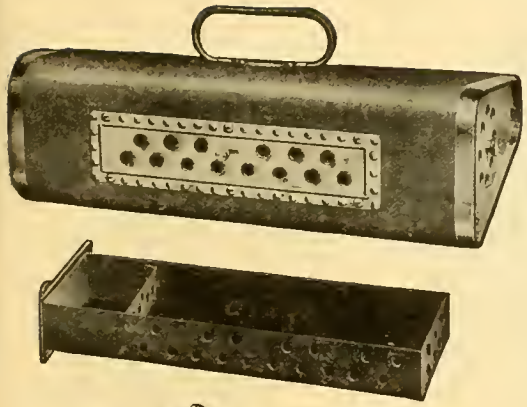


Celebrated Glove.

Driving Gloves.

Hand sewed. Tan or brown. A very desirable, strong glove.
Price per pair, $2.00

CARRIAGE HEATERS, LAMPS, ETC.



Carriage or Sleigh Heaters.

A useful article for those who are exposed to the cold in carriage, sleigh or automobile. Keeps the feet warm in the most extreme weather.

Covered with Brussells carpet.

No. 7C. With adjustable end ventilators.
Price each, $2.50

No. 7D. With adjustable end and side ventilators.
Price each, 2.75

Coal for Heaters.

Bricks measuring 7½x2½x1¼ in.

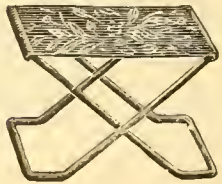
To use in heaters, place a piece in a brisk fire for a few minutes, until it is red throughout. Take out, and when the little flame has died away place it in the metal drawer of the heater. A brick of coal will furnish a strong heat for hours.

Price per dozen, $ .75
Price per brick, .10

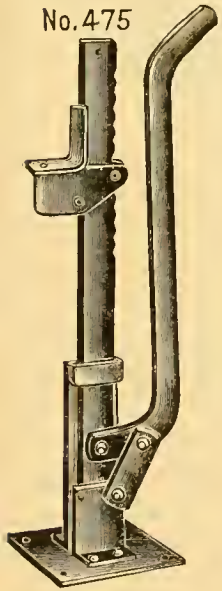
Third Person Seats.

Enamelled steel frame covered with Brussells carpet. Can be used as a carriage third seat, hassock or camp chair.

Price each, $ .75



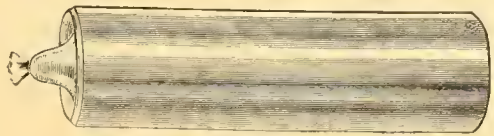
No. 475



Steel Wagon Jacks.

No. 475. Weight, 7 lbs. Lifting capacity, 1000 lbs.
Price each, $1.25

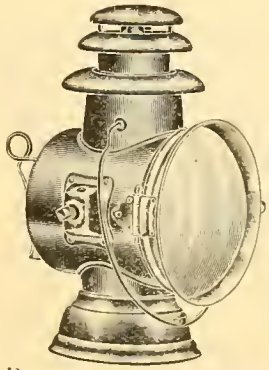
No. 476. Weight, 10 lbs. Lifting capacity, 2500 lbs.
Price each, 1.50



Coach Candles.

Wax, braided wicks.

No. A. 1⅛x3 inches. Price each, $ .10
No. B. 1 x3 inches. Price each, .10
No. C. 1¼ x5 inches. Price each, .15
No. F. 1 1/16x5½ inches. Price each, .12

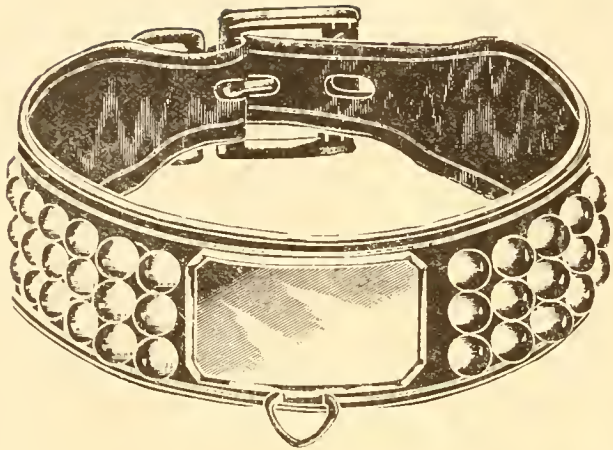


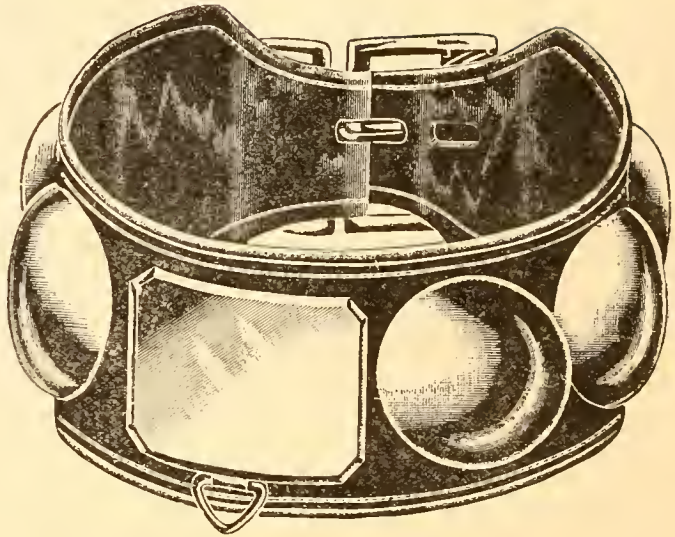
Dietz Driving Lamps.

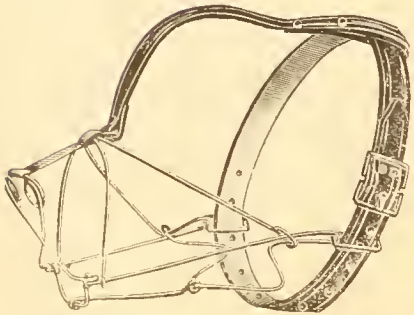
Throws entire volume of light straight ahead for a distance of 100 feet or more. Can be changed instantly to the front or side of dasher. Gives a clear white flame does not smoke and is free from odor. Burns common kerosene oil and will not blow or jar out.

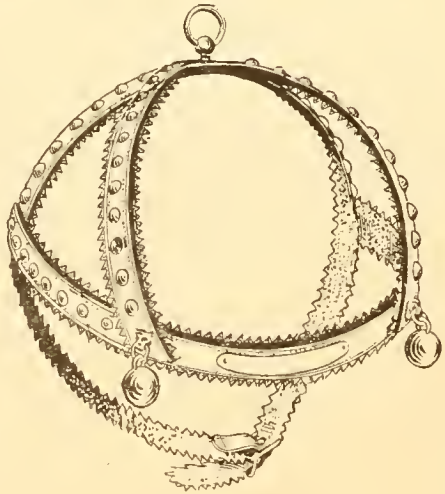
Price each, $3.75

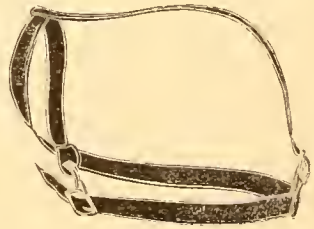
DOG COLLARS, ETC.





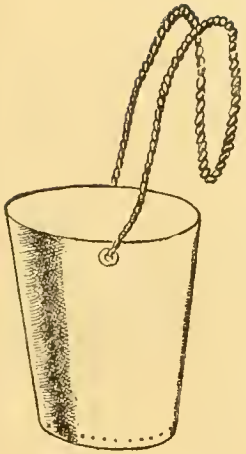






Our Catalog "C" describes and illustrates our line of dog collars, muzzles, harness, leaders, medicines, etc. This Catalog will be mailed on application.

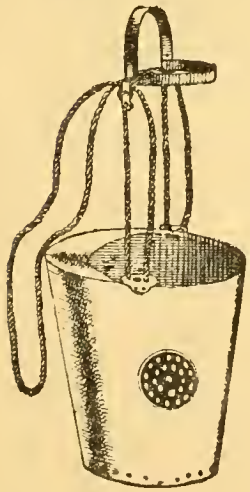
FEED BAGS AND SURCINGLES.



Star.

White canvas, wood bottom, with rope.

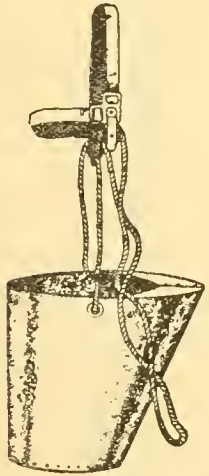
Price each, $ .50



Portland.

White canvas with leather ventilators, wood bottom, pulley attachment.

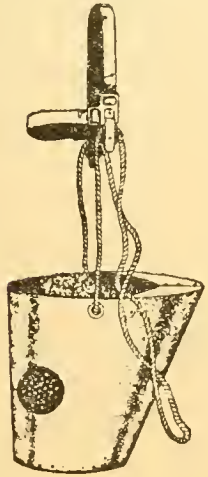
Price each, $ .85



Star with Pulley.

White canvas, wood bottom, pulley attachment.

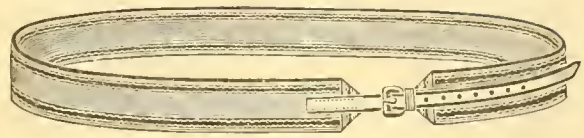
Price each, $ .65



Star Ventilated.

White canvas with leather ventilators, wood bottom, pulley attachment.

Price each, $ .75

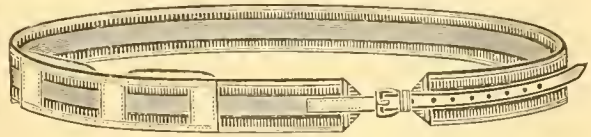


No. 1 Surcingles.

Fancy cotton 2¾ inch webbing, no pad, leather strap. Price each, $ .20

No. 17.

Fancy heavy corded, 4 inch webbing, no pad, leather straps. Price each, .50



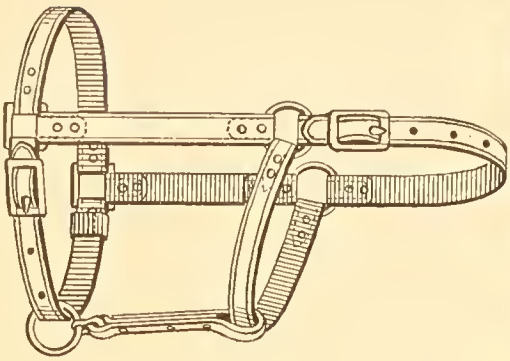
No. 2 Surcingles.

Fancy cotton 2⅞ inch webbing, stuffed pad, leather strap. Price each, $ .25

No. 53 1-2.

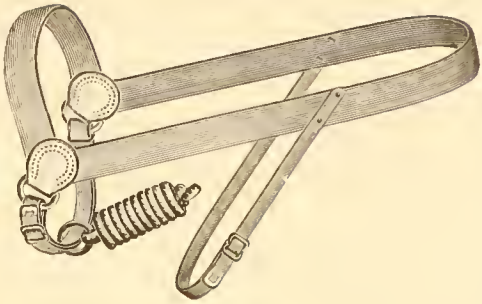
Fancy heavy corded 4 inch webbing, stuffed pad, leather straps. Price each, .65

HALTERS AND TIES.



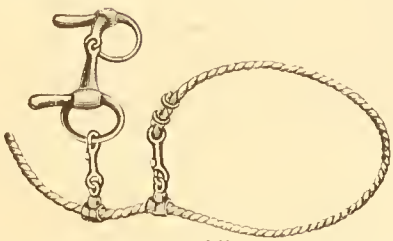
No. 78.

Black leather, riveted and sewed, rope tie, ⅞ inch. Pony or colt size only. Price each, $1.00



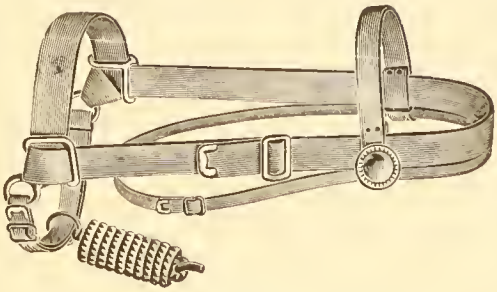
No. 11.

Assorted colors, 12 cord web, rope tie. Made in either horse or pony size. Price each, $ .25



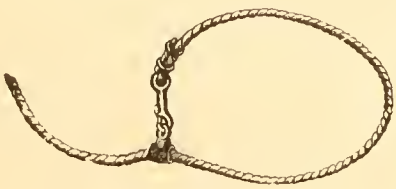
Horse Ties.

Made of either Sisal or Jute rope. Snaps around neck and into bit. Sisal. Price each, $ .30. Jute. Price each, $ .25



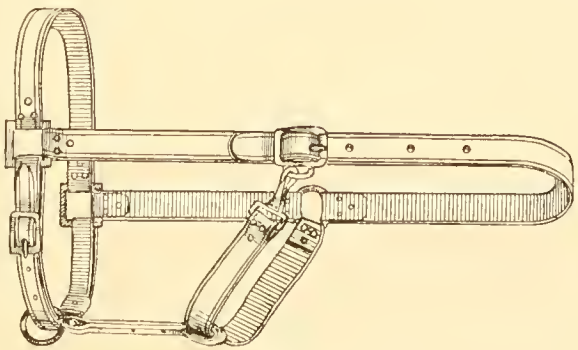
Dexter.

Assorted colors, 13 cord web, rope tie. Price each, $ .50



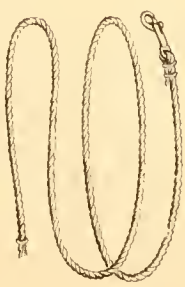
Cattle Ties.

Made of either Sisal or Jute rope. Snaps around the neck. Sisal. Price each, $ 25. Jute. Price each, $ .20



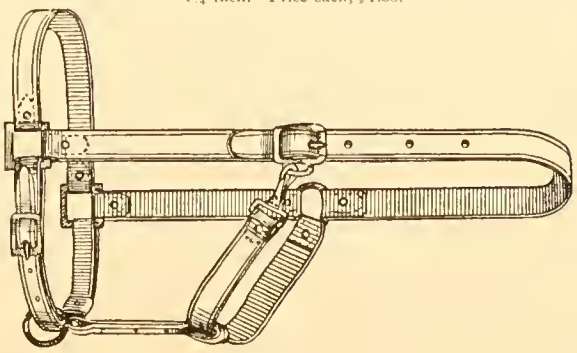
No. 2.

Black or russet leather, riveted, rope tie, 1 inch. Price each, $ .85
1¼ inch. Price each, $1.00.



Halter Leads.

Made of either Sisal or Jute rope. Sisal. Price each, $ .15
Jute. Price each, $ .10



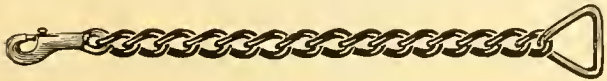
No. 4.

Black or russet leather, riveted and sewed, rope tie, 1¼ inch.
Price each, $1.10

CHAINS.

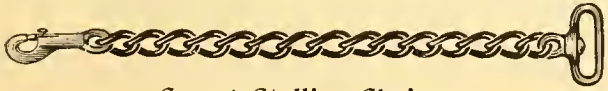
Covert Halter Chains.

Hand forged, X. C. plate, length, 4½ feet.
Price each, $ .50



Covert Rein Chains.

X. C. plate, length, 12 inches. Price each, $ .20
X. C. plate, length, 18 inches. Price each, .25



Covert Stallion Chains.

X. C. plate, length, 18 inches, 1¼ inch swivel.
Price each, $ .25

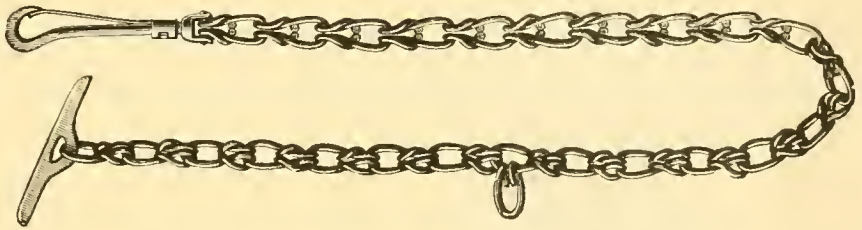
Heel Chains.

1½, 1¾, 2, 2¼ or 2½ inch swivel dee.

Length, 18 inches, hook at rear. Price per pair, $ .60
Length, 24 inches, hook at rear. Price per pair, .65
Length, 12 inches, without hook. Price per pair, .50

Team Trace Lengtheners.

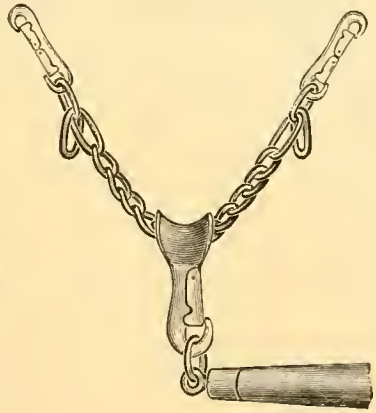
Length, 30 inches, swivel centre, hook at each end.
Price per pair, $ .65
Snap at each end. Price per pair, .90



Triumph Halter Chains.

Length, 4½ feet.

No. 0.	Snap and toggle.	Price each,	$ .25
No. 00.	Snap and toggle.	Price each,	.30
No. 0,	Snap at each end.	Price each,	.30
No, 00.	Snap at each end.	Price each,	.35



Covert Breast Chains.

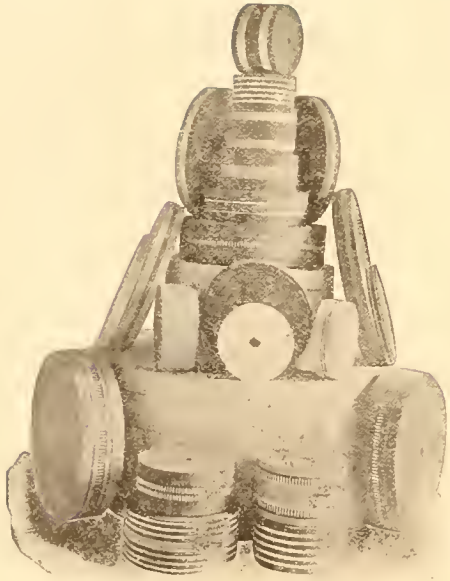
No. 220.

Can be quickly adjusted to various lengths.

Length, 28 inches. Price per pair, $1.35
Length, 32 inches. Price per pair, 1.50

The length of the centre snap is included in the length of the chain.

WEBBING, TRUNK STRAPS, ETC.



No. 3. Cotton girth web, fancy colors, width 2½ inches, 15 yards to piece.
Price per piece, $ .75 Price per yard, $ .10

No. 4. Cotton girth web, fancy colors, width 2¾ inches, 15 yards to piece.
Price per piece, $ .85 Price per yard, .10

No. 3. Extra cotton girth web, fancy colors or white, width 2½ inches, 15 yards to piece. Price per piece, $1.25 Price per yard, .15

No. 4. Extra cotton girth web, fancy colors or white, width 2¾ inches, 15 yards to piece. Price per piece, $1.50 Price per yard, .15

16 cord, heavy corded girth web, fancy colors, width 4 inches, 12 yards to piece. Price per piece, $2.00 Price per yard, .20

7 cord, Saratoga rein web, white, width 1¼ inches, 10 yards to piece.
Price per piece, $2.00 Price per yard, .25

Blanket surcingle web, red or blue, width 2 inches, 72 yards to piece.
Price per piece, $4 00 Price per yard, .10

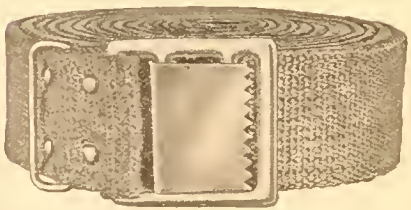
Skate Straps.

Russet leather.

⅝x20 inches. Price per pair, $ .15
⅝x30 inches. Price per pair, .20

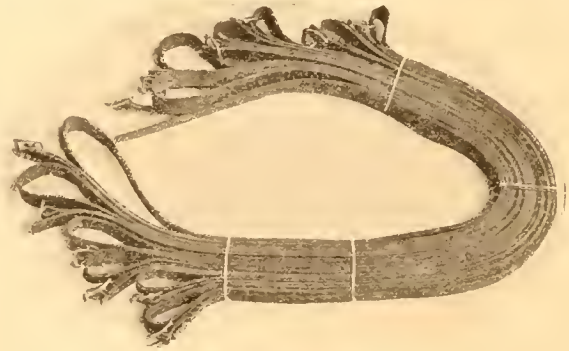
No. 1. Trunk Straps.

Russet leather, 1¼ inches wide, 7, 8 or 9 feet in length. Price each, $ .75

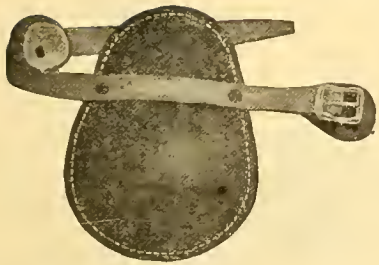


No. 2 Trunk Straps.

1½ inch, 11 cord, tan webbing, 7, 8 or 9 feet in length. Price each, $ .50



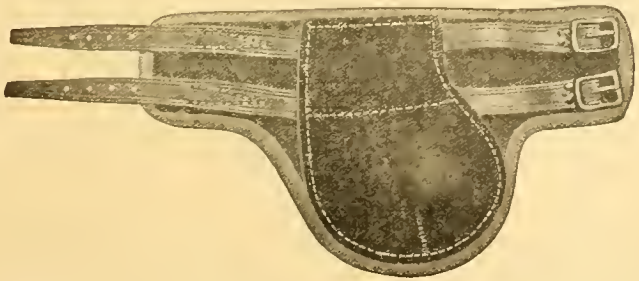
ANKLE BOOTS.



No. 1045. Black leather stitched cup, leather straps. Price per pair, $ .50

No. 1047X. Russet leather stitched cup, leather straps, raw hide lined. Price per pair, .50

No. 1048. Russet leather stitched cup, leather straps, extra large size. Price per pair, .60



No. 1050. Black leather cup, felt wrapper, leather straps, chamois bound. Price per pair, $ .85

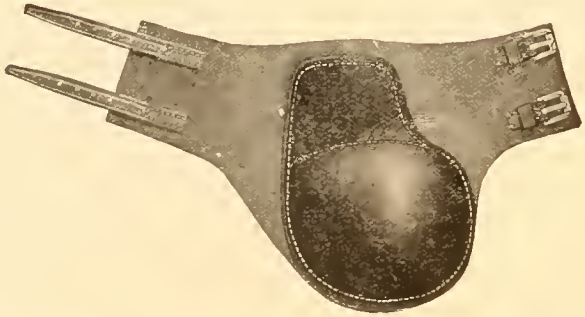
No. 1050LL. Black leather cup, felt wrapper, leather straps, chamois bound, extra large size. Price per pair. 1.00

No. 1051. Black leather cup, felt wrapper, leather straps. Price per pair, $ .75

Cresceus. Black leather cup, chrome calfskin reinforced wrapper, raw hide straps. Price per pair, $1.00

ANKLE BOOTS.

Dan Patch. Russet leather cup, russet calfskin wrapper, raw hide straps. Price per pair, $1.25

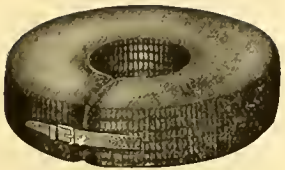


No. 1065. Ankle boot with heel extension, russet leather cup, calfskin wrapper, two straps. Price per pair, $1.50

No. 1056. Russet leather cup, felt wrapper, chamois bound, raw hide straps. Protects side and back of ankle. Price per pair, $1.25

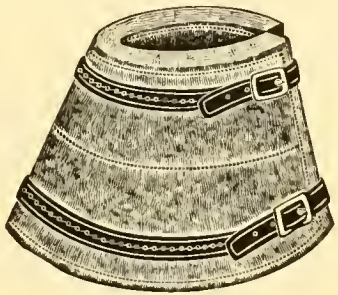
We illustrate in this Catalog a few of the best selling grades of Ankle Boots. We issue a large illustrated Catalog of Horse Boots and Turf Goods showing a very extensive line of Trotting and Road Boots, Hopples, and Racing Specialties which will be sent on application.

SHOE BOIL ROLLS, MUZZLES, ETC.



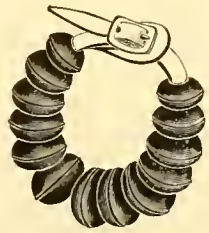
Shoe Boil Rolls.

Heavy webbing, sheepskin top.
Price each, $1.00



Soaking Boots.

No. 2. Gray felt, leather straps. Price each, $ .30
No. 1. Heavy gray felt, leather straps. Price each, .50
No. 4. Heavy fawn felt, leather straps. Price each, .75

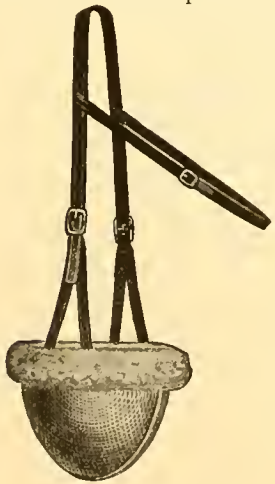


Trotting Rolls.

Solid rubber balls on leather strap.
Price each, $ .25
Horn balls on leather strap.
Price each, $ .50

Gait Spreaders.

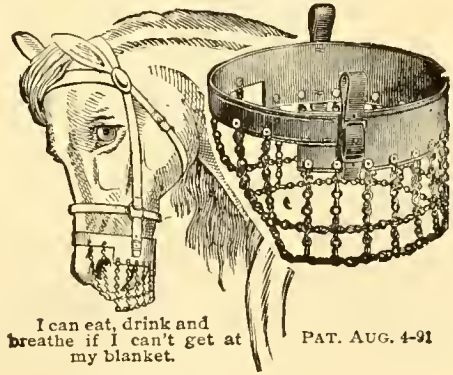
Solid rubber balls, leather straps covered with rubber tubing, cushioned pad. Price each, $ .50



Wire Muzzles.

Galvanized wire, wool sheepskin top, leather straps.
Price each, $1.50

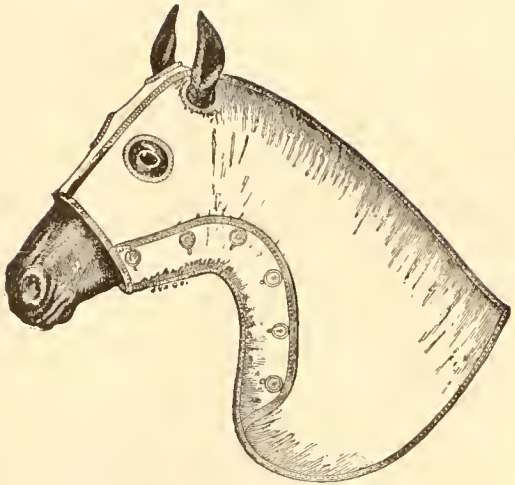
Easily Attached to Halter.



Gillespie Blanket Muzzle.

Prevents the horse tearing or pulling off his blanket, leaving him free to feed or drink. Russet leather with polished steel chains. Price each, $2.00

HOODS, ETC.

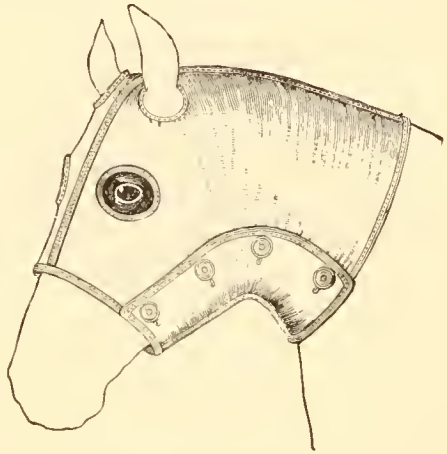


Long Hoods.

Fine cotton fancy plaid cooling hoods. Price each, $1.75
Plain white wool sweat hoods. Price each, 4.50
Fawn kersey team hoods. Price each, 2.75
Fawn kersey team hoods, extra large. Price each, 3.00
Dark green kersey driving hoods. Price each, 4.50

Under Harness Blankets.

Dark green kersey, broadcloth trimmed. Price each, $7.50



Short Hoods.

Plain white wool sweat. Price each, $ 2.75

Jowl Hoods.

Plain white wool. Price each, $1.25

Ear Nets.

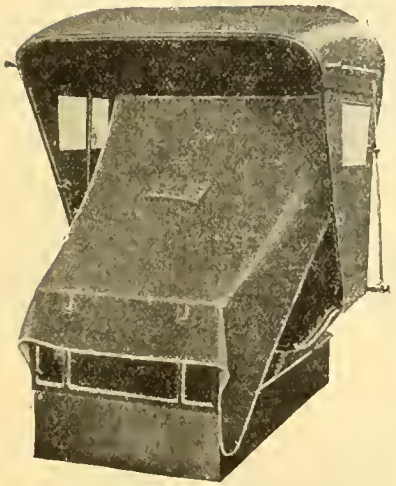
Fine woven cotton mesh. White. Price each, $ .35
Butternut. Price each, .35
Black and orange. Price each. .50

Army Blankets.

Rubber sheeting with grommets. Price each, $1.50

Rubber sheeting with ball and socket fastener. Price each, 1.50

CARRIAGE APRONS, RAIN COVERS AND DASHERS.



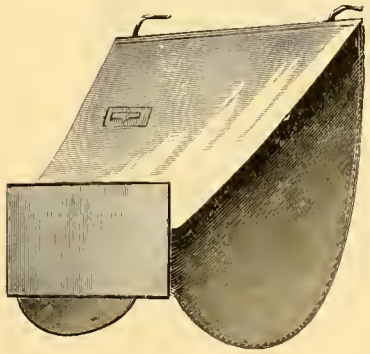
Holden's Pat. Carriage Aprons.

Size No. 1. For phaetons.
Price each, $2.50

Size No. 2. For carriages.
Price each, $1.75

Size No. 3. For buggies.
Price each, $ 1.35

These Aprons are made of waterproof rubber drill held in position by two oil tempered springs (covered to prevent scratching) attached to the under side. Fit any size dasher.

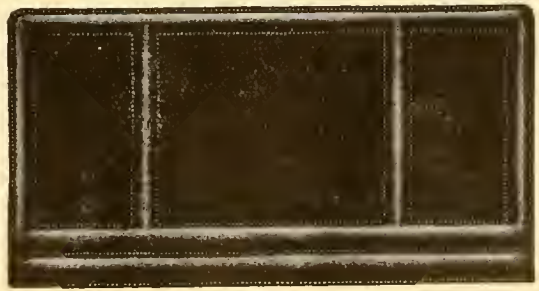


Pocket Boots.

Waterproof rubber drill with pocket to slip over dasher. Made in different sizes to fit the various widths of dashers. Price each, $2.50

Rain Covers.

No. 10.	Black water proof oil duck.	Price each, $2.50
No. JB.	Brown waterproof duck.	Price each, 3.50
No. 1.	Brown waterproof duck.	Price each, 4.50
No. 20.	Rubber drill.	Price each, 5.00



Patent Leather Dashers. Straight or Curved.

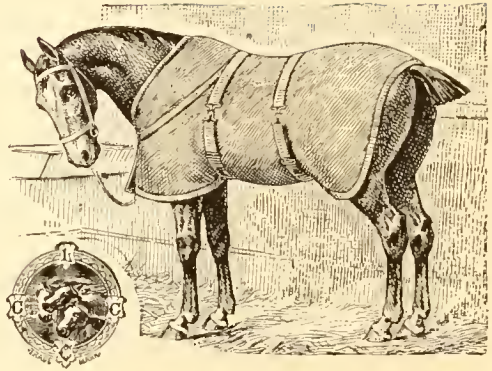
13 x 22 inches,	Price each,	$2.00
13 x 24, 25 or 26 inches.	Price each,	2.25
15 x 25 or 26 inches.	Price each,	2.50
15 x 27 or 28 inches.	Price each,	2.75
15 x 30, 32 or 34 inches.	Price each,	3.00
17 x 28 or 30 inches.	Price each,	3.00
17 x 32 inches.	Price each,	3.25
17 x 34 inches	Price each,	3.50

HORSE SHEETS, COOLERS, NETS, ETC.

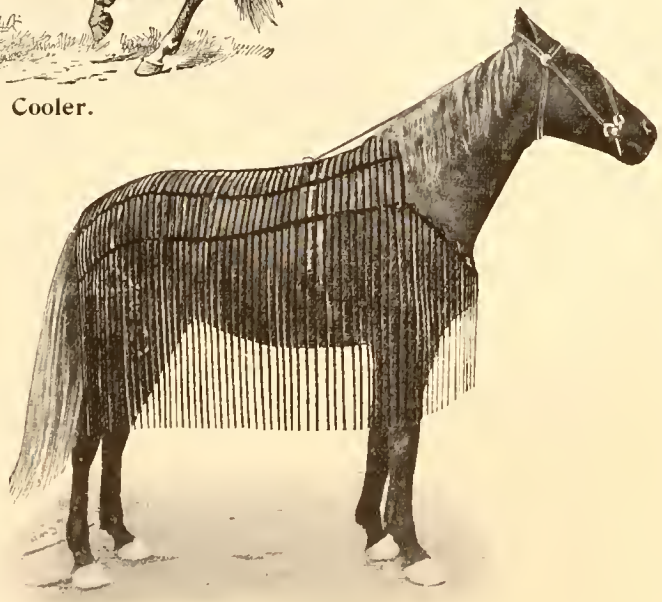
Cooler.

Our assortment of these goods during the season is very large. All the popular weaves and fabrics will be found in our stock.

Prices quoted on application.



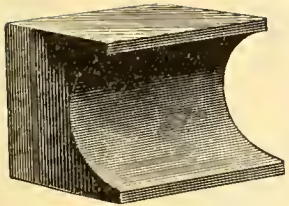
Sheet.



Fly Net.

Lap Duster.

ANTI-RATTLERS AND QUICK SHIFTS.

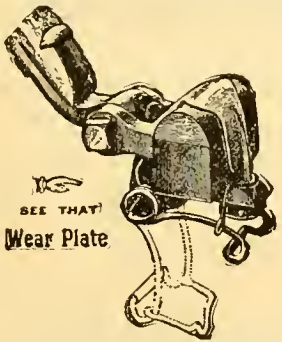


Rubber Anti-Rattlers.

Cut in $\frac{7}{8}$ or 1 inch lengths.
Price per pair, $ .10
2 ft. strips, unlined. Price per strip, .75
2 ft. strips, canvas lined,
Price per strip, 1.00

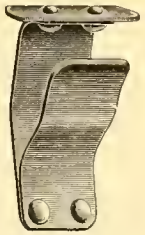
Anti-Rattler Tubing for Bailey Couplings.

Cut in $\frac{7}{8}$ or 1 inch lengths.
Price per pair, $ .15
3 ft. lengths. Price per strip, 1.00



Johnson's Anti-Rattlers.

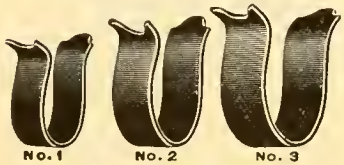
No. 1. For $\frac{7}{8}$, 1, or $1\frac{1}{8}$ inch axles.
Price per pair, $ .15
No. 2. For $1\frac{1}{4}$ and $1\frac{3}{8}$ inch axles.
Price per pair, .15



Burton's Anti-Rattler No. 2.
Trade Mark "Burton" Registered Oct. 5, 1897.

Burton's Anti-Rattlers.

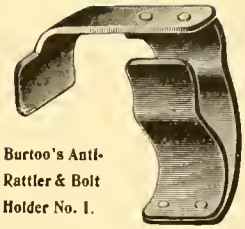
No. 2. $\frac{7}{8}$ inch, buggy. Price per pair, $ .10
No. 4. $1\frac{1}{8}$ inch, express. Price per pair, .15



LADD ANTI-RATTLERS.

Ladd's Anti-Rattlers.

No. 1. For $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ or 1 inch axles.
Price per pair, $ .20

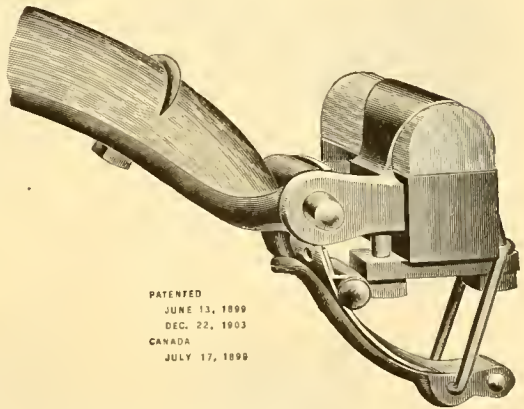


Burtoo's Anti-Rattler & Bolt Holder No. 1.

PAT. NOV. 15, 1887.
Trade Mark "Burton" Registered Oct. 5, 1897.

Burton's Anti-Rattlers.

No. 1. $\frac{7}{8}$ inch with bolt holder.
Price per pair, $ .15



Fernald's Quick Shift and Anti-Rattler Combined.

$\frac{3}{8}$ or $\frac{7}{16}$ inch bolt. Price per pair, $ .30

CURTAIN KNOBS, EYELETS, ETC.

Jap. Drive Knobs.
For single curtain.
Price per doz., $.12

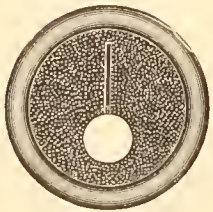
Jap. Drive Knobs.
For double curtain.
Price per doz., $.12

Jap. Screw Knobs.
For single curtain.
Price per doz., $.20

Jap. Screw Knobs.
For double curtain.
Price per doz., $.20

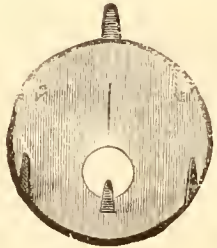
Jap. Rivet Knobs.
For single curtain.
Price per doz., $.20

Jap. Rivet Knobs.
For double curtain.
Price per doz., $.20



Front.

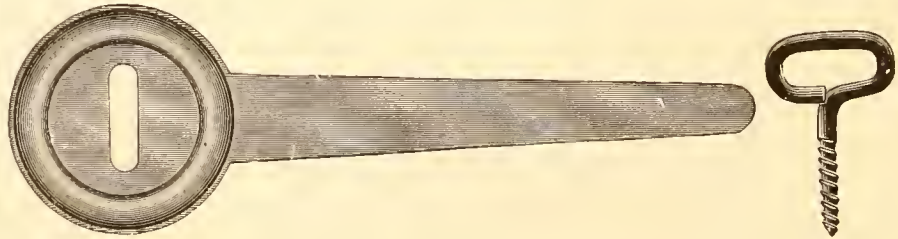
Ring.



Reverse.

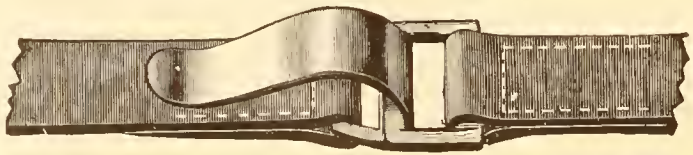
Knob Eyelets.

Consist of a japanned metal fastener with leather centre. Prongs to clinch through curtain.
Price per doz., $ .12



Wagon Curtain Patches.

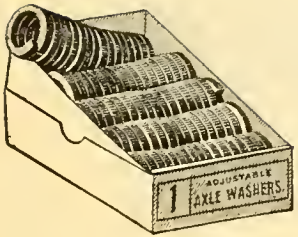
Japanned metal clinch fasteners with leather centre and strap.
Japanned screw eyes.
No. 4. Medium size. Price per doz., $ .50
No. 5. Large size. Price per doz., .60



Littlejohn's Apron Fasteners.
Nickel plated. Price per doz., $1.25

Pray's Improved Apron Fasteners.
Nickel plated. Price per doz., $1.75

AXLE WASHERS, BUMPERS, ETC.



Coil Axle Washers.

5 coils in a box.

Sizes,	⅞,	1,	1⅛,	1¼ inches.
Price per box,	$ .30,	.30,	.35,	.40
Price per coil,	.10,	.10,	.10,	.10

Buffalo Patent Axle Washers.

Put up in an attractive counter case containing 24 sets of washers in assorted sizes for various sizes of axles.

Price per case, $2 00

Nut and Collar Washers.

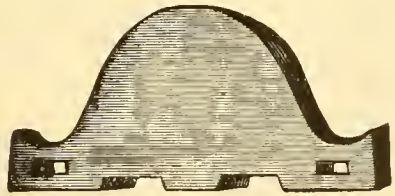
5 sets in a box.

Sizes,	¾,	⅞,	1,	1⅛,	1¼,	1½ inch.
Price per box,	$ .40	.40	.50	.50	.50	.60

Hold Back Irons.

Malleable iron, cut threads.

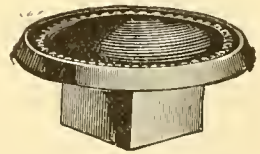
1¼ inch.	Price per pair,	$ .10
1⅜ inch.	Price per pair,	.10
1½ inch.	Price per pair,	.10
1⅝ inch.	Price per pair,	.12



Rubber Spring Bumpers.

No. 1.	4½x9x2 inches,	weight about ½ lb.
No. 2.	4x8x1¾ inches,	weight about 1 lb.
No. 3.	3½x7x1⅝ inches,	weight about 1¼ lbs.
No. 4.	3x6x1¼ inches,	weight about 2 lbs.
No. 5.	2¾x5x1 inches,	weight about 3 lbs.

Price per pound, $ .50



Top Prop Nuts.

Black enamel finish.
Imitation stitched.

For ⅞ or $\frac{7}{15}$ inch props.

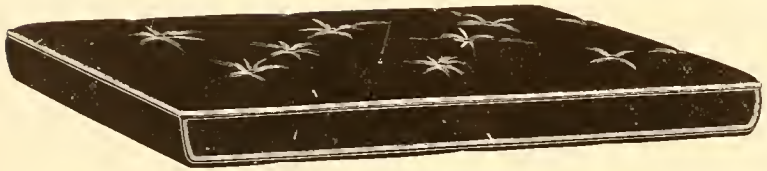
Price per dozen, $ .60

Bumper Straps.

Harness leather, ¾x12 inches.

Price per pair, $ .20

CUSHIONS, CURTAIN LIGHTS, ETC.



Wagon Cushions.

Made of black enamelled drill. Width, 14 inches.
Lengths from 28 to 48 inches. Price each, $1.00

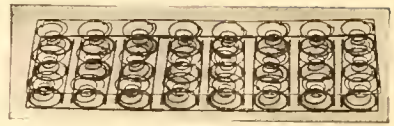
Curtain Lights.

Black enamelled frames, plain glass.

No. 12.	1¼x5 inches inside.	Price each,	$ .10
No. 20.	2⅝x5⅞ inches inside.	Price each,	.25
No. 14.	4⅛x7 inches inside.	Price each,	.50

Oval.

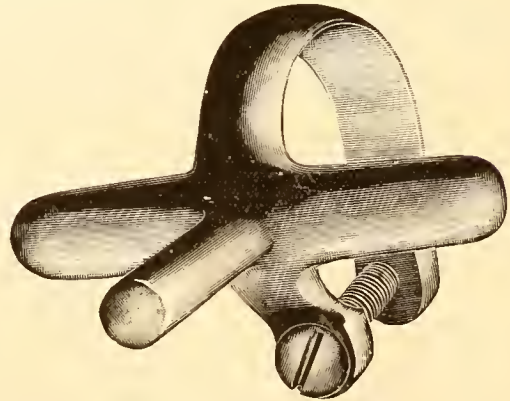
No. 10.	2⅜x4⅝ inches inside.	Price each,	$ .20



Spring Cushions.

Made of heavy steel wire. Width, 14 inches.

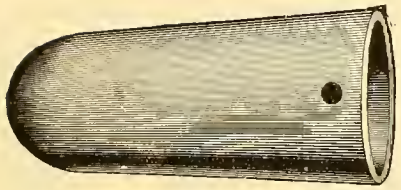
Length, 15 inches.	Price each,	$1.00
Length, 26, 28, 30 inches.	Price each,	1.50
Length, 32, 34, 36 inches.	Price each,	1.75
Length, 38, 40 inches.	Price each,	2.00
Length, 42, 44 inches.	Price each,	2.00



Shaft Tug Stops.

Can be attached without boring holes in shaft. Nickel plated. Price per pair, $1.00

SHAFT TIPS, ETC.



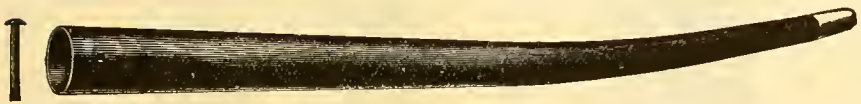
Nickel Plated Shaft Tips.

$\frac{7}{8}$x1$\frac{3}{4}$ inches.	Price per pair,	$ .20
1 x1$\frac{3}{4}$ inches.	Price per pair,	.20
$\frac{7}{8}$x2 inches.	Price per pair,	.25
1 x2 inches.	Price per pair,	.30
1$\frac{1}{8}$x2 inches.	Price per pair,	.35
1$\frac{1}{4}$x2 inches.	Price per pair,	.40

Leathers for Shafts and Whiffletrees.

Made of patent leather.

For end of buggy shafts, size, 24x5$\frac{1}{2}$x4 inches.	Price per pair,	$ .50
For end of express shafts, size, 24x7$\frac{1}{2}$x5 inches.	Price per pair,	.60
For centre of shafts, size, 7$\frac{1}{2}$x6 inches.	Price per pair,	.20
For whiffletrees, size, 5$\frac{3}{4}$x4 inches.	Price per pair,	.10
Shaft and whiffletree straps, 12x$\frac{7}{8}$ inches.	Price per set of 4,	.25



Tubular Steel Shaft Ends.

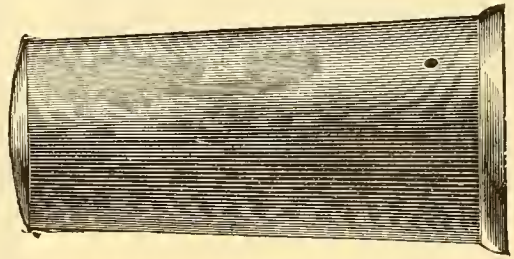
For repairing broken shafts.

A broken shaft can be repaired with this device in a few minutes. Easy to put on. Perfect in strength and finish.

Buggy size, japanned, with nickel tip.	Price each,	$ .50
Surry size, japanned, with nickel tip.	Price each,	.60

Axle Felts.

Strips of felt for long distance axles.	Price per set of 4,	$ .15

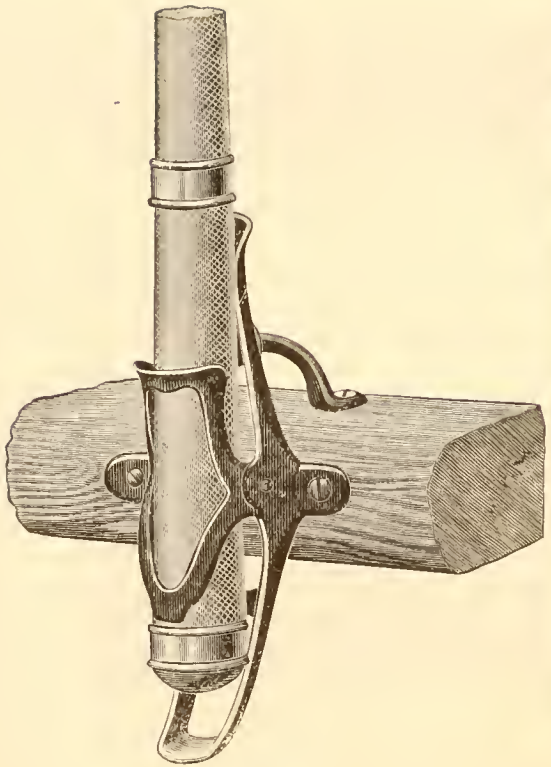


Nickel or Brass Shaft Tips.

Extra heavy for express work.

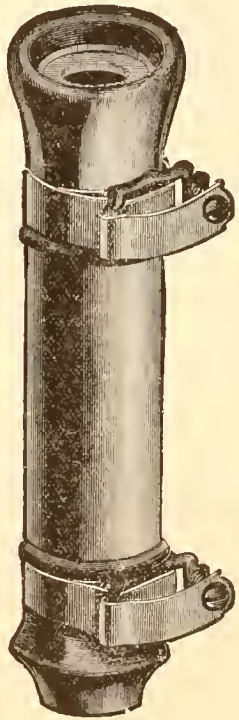
1$\frac{1}{8}$x3 inches.	Price per pair,	$ .70
1$\frac{1}{4}$x3 inches.	Price per pair,	.75
1$\frac{3}{8}$x3 inches.	Price per pair,	.80
1$\frac{1}{2}$x3 inches.	Price per pair,	.90
1$\frac{5}{8}$x3 inches.	Price per pair,	1.00

WHIP SOCKETS.

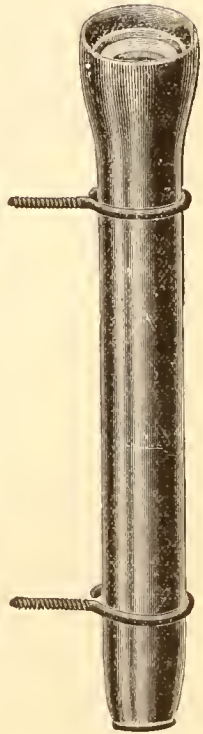


No. 220.

No. 9.



No. 47½.



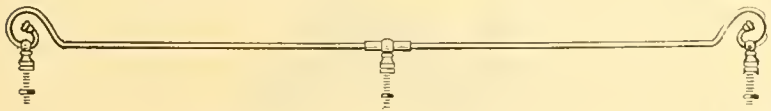
No. 24½.

No. 1.

No. 220.	For road carts. Iron, japanned. Length, 5¾ inches. Price each,	$. 15
No. 9.	For leather dasher. Tin, japanned. Two adjustable band fasteners. Length, 6½ inches. Price each,	.15
No. 47½.	For leather dasher. Wood, japanned. Rubber in top. Two adjustable band fasteners. Length, 7 inches. Price each,	.25
No. 24½.	For sleighs or express wagons. Wood, japanned. Rubber in top. Length, 12 inches. Complete with screw eye fasteners. Price each,	.25
No. 1.	Patent leather socket. Tin lined. Strap fasteners. 8 inch, for express wagons. Price each,	.25
	10 inch, for sleighs. Price each,	.30
	12 inch, for sleighs. Price each,	.35

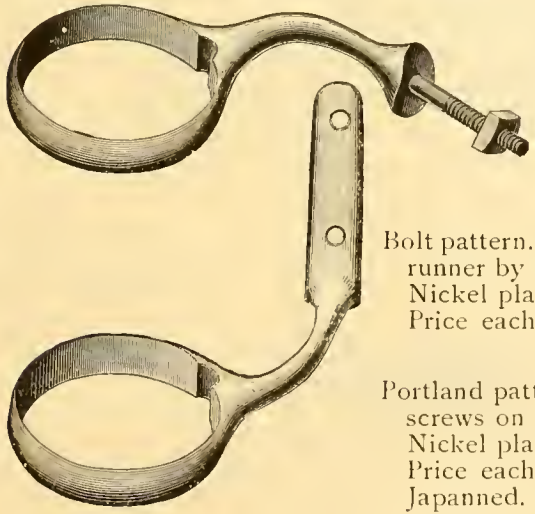
NICKEL PLATED DASHER AND ARM RAILS.

No. 1432. Adjustable, for sleigh dashers. Price each, $ .65



No. 1493. Adjustable, for sleigh dashers. Price each, $ .75

No. 1590. Adjustable, for leather dashers. Price each, $ .75

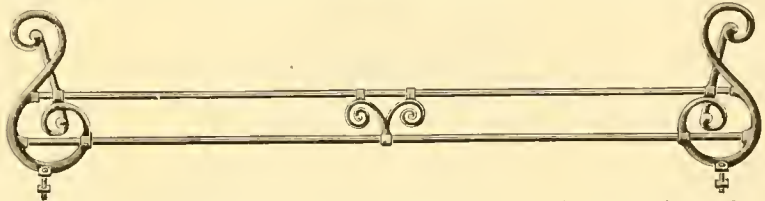


Whip Socket Holders for Sleighs.

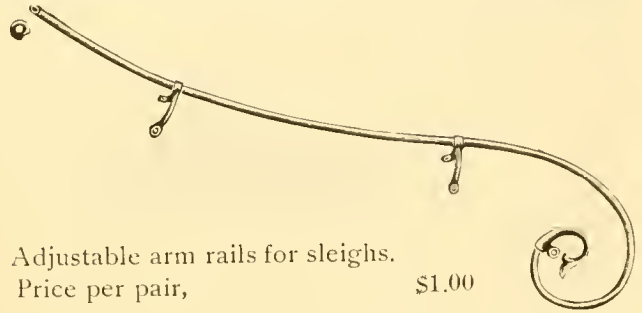
Bolt pattern. Fastens through runner by bolt and nut. Nickel plated. Price each, $ .25

Portland pattern. Fastens with screws on outside of runner. Nickel plated. Price each, $ .25
Japanned. Price each. .15

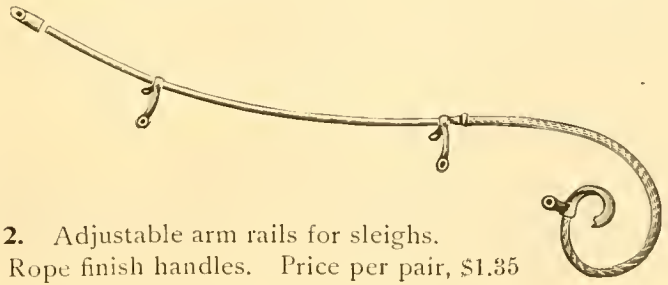
No. 1090 1-2. Adjustable, for sleigh dashers. Price each, $ .75



No. 1909. Adjustable, for sleigh dashers. Price each, $1.00



No. 1410. Adjustable arm rails for sleighs. Price per pair, $1.00



No. 1412. Adjustable arm rails for sleighs. Rope finish handles. Price per pair, $1.35

CARRIAGE UMBRELLAS AND TOPS.

No. 3 1-2 Round Canopy Umbrellas.

Enamelled steel frame covered with khaki or dark green waterproof drill, fringe around edge, enamelled steel jointed adjustable standard fastening behind seat. Size, 33 inches. Price each, $5.00

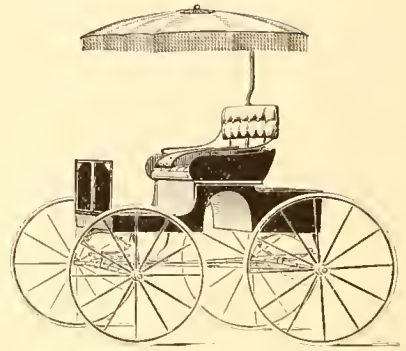
No. 3.

Same as No. 3½ but is made without fringe. Price each, 4.00

Wagon Umbrellas.

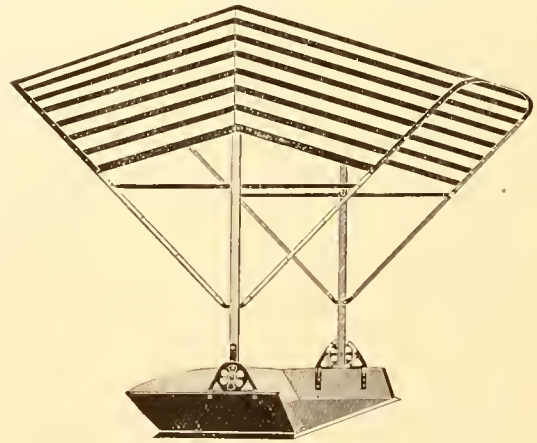
Eight rib steel frame covered with tan or dark green waterproof drill, wood staff, with fixtures for attaching to bottom of wagon and front edge of seat. Size, 40 inches. Price each, $2.00

Extra fixtures for above, per set, .20



Square Canopy Umbrellas.

Enamelled steel frame covered with khaki waterproof drill, fringe around edge, enamelled steel jointed adjustable standard fastening behind seat. Size, 48x48 inches. Price each, $6.50



Express Wagon Seat Tops.

Three wood bows covered with blue and white striped duck. Easily raised or folded. Made in sizes to fit seats measuring from 36 to 50 inches. Price each, $3.75

CLOTHS.

Enamelled Cloth. White Back.

Black pebbled drill, width, 50 inches.	Price per yard,	$ .50	Black pebbled muslin, width, 45 inches.	Price per yard,	$ .40
Black pebbled drill, width, 54 inches.	Price per yard,	.60	Green or brown muslin, width, 45 inches.	Price per yard,	.50
Black pebbled duck, width, 50 inches.	Price per yard,	.60	Green imit. leath. drill, width, 50 inches.	Price per yard,	.70
Black pebbled duck, width, 54 inches.	Price per yard,	.70	Maroon imit. leath. drill, width, 50 inches.	Price per yard,	.70
Black pebbled duck, width, 60 inches.	Price per yard,	.85	Pearl or drab duck, width, 54 inches.	Price per yard,	.90

Black glazed drill, tan back, width, 48 inches. Price per yard, $.65

Rubber Cloth.

Black, Leather Grain, White Back.

18 ounce drill, width, 50 inches.	Price per yard,	$ .60	26 ounce drill, width, 50 inches.	Price per yard,	$ .80
20 ounce drill, width, 50 inches.	Price per yard,	.65	28 ounce drill, width, 50 inches.	Price per yard,	.85
22 ounce drill, width, 50 inches.	Price per yard,	.70	30 ounce duck, width, 54 inches.	Price per yard,	1.00
24 ounce drill, width, 50 inches.	Price per yard,	.75	32 ounce duck, width, 54 inches.	Price per yard,	1.10

26 ounce drill, green back, width, 50 inches. Price per yard, $.90

Broadcloth.

All Wool.

Dark green, 8 ounce, width, 54 inches.	Price per yard,	$1.75	Dark green, 14 ounce, width, 54 inches.	Price per yard,	$2.50
Dark green, 10 ounce, width, 54 inches.	Price per yard,	2.00	Dark green, 16 ounce, width, 54 inches.	Price per yard,	2.75
Dark green, 12 ounce, width, 54 inches.	Price per yard,	2.25			

Imitation Leather.

For Carriage Trimming and Upholstering.

In a variety of colors. Sample book mailed on application. Width, 50 inches. Price per yard, $1.25

MISCELLANEOUS.

Plush.

Green, for lining fur robes or trimming low priced sleighs.	Width, 60 inches.	Price per yard,	$1.50
Ruby, for lining fur robes or trimming low priced sleighs.	Width, 60 inches.	Price per yard,	1.50
Maroon mohair, for fine sleigh trimming.	Width, 24 inches.	Price per yard,	2.00

Robe Border.

For trimming edges of fur robes,	Price per yard,	$ .10

Carriage Carpet.

Tapestry, green with small figure.	Width, 27 inches.	Price per yard,	$1.25
Worsted, green with small figure.	Width, 27 inches.	Price per yard,	1.50
Velvet, green with small figure.	Width, 27 inches.	Price per yard,	2.00

Oil Carriage Carpet.

Fancy Patterns.	Width, ⅞ yard.	Price per yard,	$ .45
Fancy Patterns.	Width, 1 yard.	Price per yard,	.50

FELT.

Orange, thickness about ½ inch.		Price per pound,	$1.00
Gray, thickness about ¾ inch.		Price per pound,	1.00
Gray, thickness about 1 inch.	In sheets measuring 20x36 inches.	Price each,	1.00
White, for use under horses' shoes.		Price per pound,	1.50

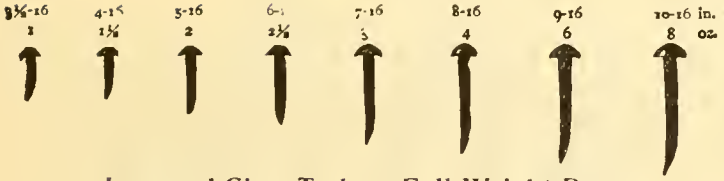
Fringe.

Green, for carriage tops.	Price per yard,	$ .50

TACKS AND BUTTONS.

Swedes Iron Tacks. Full Weight Papers.

Ounces,	1½,	2,	2½,	3,	4,	6,	8,	10,	12,	14,	16,	18,	20
Price per paper (1000),	$ .08	.09,	.09,	.10,	.10,	.12,	.13,	.15,	.18,	.20,	.23,	.25,	.25



Japanned Gimp Tacks. Full Weight Papers.

Ounces,	2,	2½,	3,	4,	6,	8
Price per paper (1000),	$ .12,	.15,	.15,	.17,	20,	.23

Shoe Tacks. Full Weight Papers.

Ounces,	1½,	2,	2½,	3,	4,	6,	8,	10,	12,	14
Price per paper (1000),	$ .08,	.08,	.08,	.10,	.10,	.10,	.10,	.10,	.10,	.10
Price per pound package,	.25,	.23,	.20,	.20,	.17,	.17,	.17,	.17,	.17,	.17

Japanned Lining Nails. Full Count.

Ounces,	4,	6,	8,	10,	12,	14,	16
Price per paper (100),	$ .10,	.10,	.10,	.10,	.10,	.12,	.12

Japanned Tufting Nails. Full Count.

No. 2.	6-16 inch head, 6 to 16 ounces.	Price per paper (100), $ .15
No. 3.	7-16 inch head, 12 to 18 ounces.	Price per paper (100), .17
No. 3.	7-16 inch head, 7-8 to 1 1-4 inches.	Price per paper (100), .17
No. 4.	9-16 inch head, 7-8 to 1 1-2 inches.	Price per paper (100), .20

Japanned Tufting Buttons.

	22 line	24 line	27 line
Price per paper (1 gross),	$ .25,	.30,	.35

RIVETS.

Copper Rivets and Burs.

No. 8.	1 pound boxes, one size only, $\frac{3}{8}$ to 1½ inches.	Price per pound,	$.50
No. 10.	1 pound boxes, one size only, $\frac{3}{8}$ to 1½ inches.	Price per pound,	.55
No. 12.	1 pound boxes, one size only, ¼ to 1 inch.	Price per pound,	.60
No. 8.	½ pound boxes, assorted lengths, $\frac{3}{8}$ to ¾ inch.	Price per pound,	.50
No. 12.	½ pound boxes, assorted lengths, $\frac{3}{8}$ to ¾ inch.	Price per pound,	.60

Tubular Rivets, Japanned or Coppered.

500 in box, one size only.

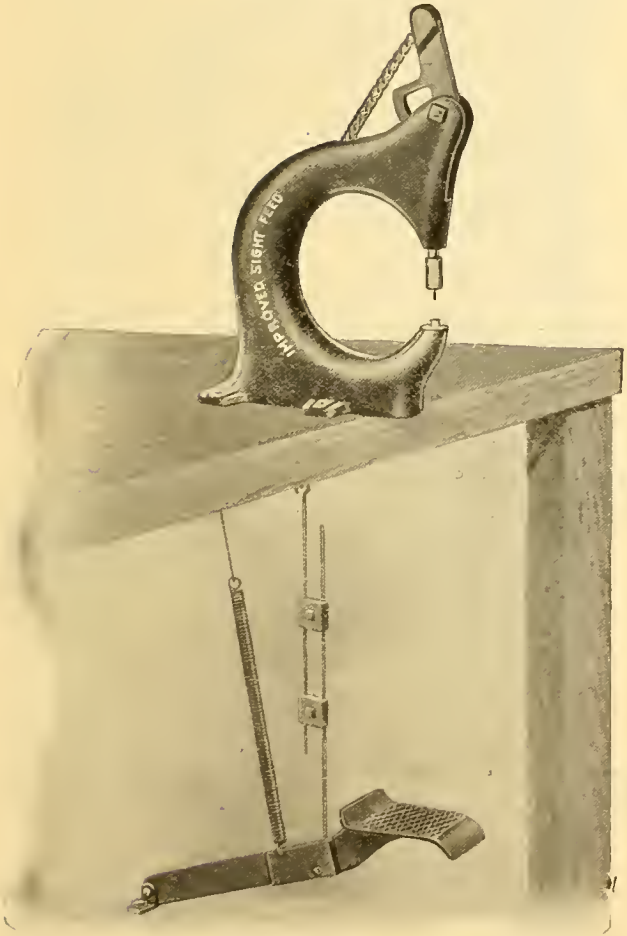
$\frac{3}{16}$	$\frac{4}{16}$	$\frac{5}{16}$	$\frac{6}{16}$	$\frac{7}{16}$	$\frac{8}{16}$	$\frac{9}{16}$	$\frac{10}{16}$	$\frac{12}{16}$
$.75	$.75	$.75	$.80	$.85	$.90	$.95	$1.00	$1.15 per box.

Put up 50 assorted sizes in a box, 12 boxes in a carton, $1.00 per carton.
Price per box of 50, $.10

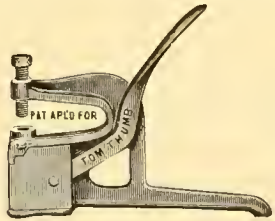
Split or Clinch Rivets, Japanned or Coppered.

Put up 50 assorted sizes in a box,
12 boxes in a carton. Per carton, $1.00
Price per box of 50, .10

RIVETING MACHINES.



The Improved Sight Feed Machine. Foot Power.



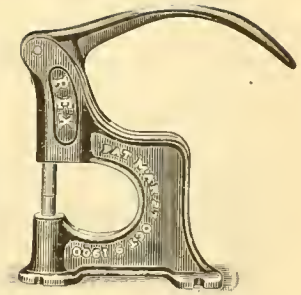
Tom Thumb.

Malleable iron neatly japanned. Sets tubular or clinch rivets. A useful tool at a low price. Price each, $ .50

Rex.

Malleable iron finished in black japan with steel plunger. Self adjusting and will set tubular or clinch rivets as well as many of the higher priced machines.

Price each, $ .75



Rex.

The Improved Sight Feed Machine.

A foot power machine especially adapted to harness makers and repair shops where it is necessary to produce the best possible work with facility and economy. The fact that the work is always in sight showing just where to place the rivet is one of its many advantages. Self adjusting and sets either tubular or clinch rivets from $\frac{3}{16}$ to $\frac{3}{4}$ inches in length. A loop anvil (not shown in cut) is included with each machine. Necessary bolts, etc. and full instructions for setting up and operating are packed in each box. Weighs 26 pounds.

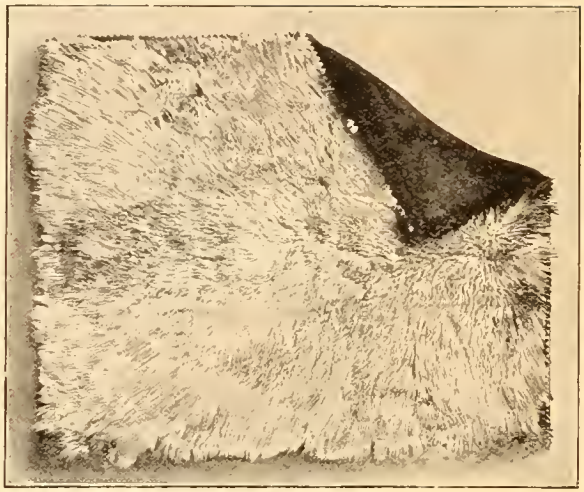
Price each, complete with foot power and loop anvil, $10.00

No. 47A.

Malleable iron finished in black japan. A very desirable tool for shop use. Sets tubular or clinch rivets. Price each, $4.00

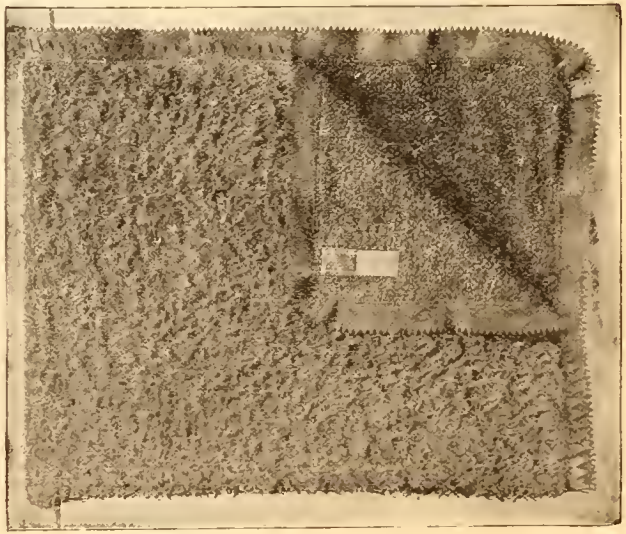
SLEIGH ROBES.

A full description of our line of Sleigh Robes will be found in our Annual Catalog of Horse Blankets and Fur Robes. Our assortment is large and prices right. Catalog will be sent on application.



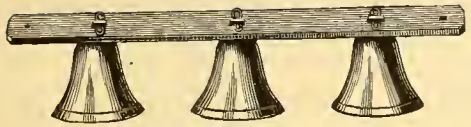
Gray Japanese Goat Robe.

Black Russian Cub Bear Robe.



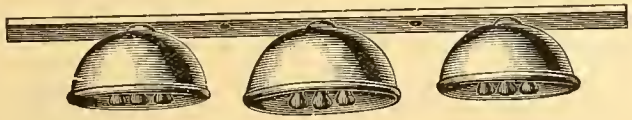
Montana Buffalo Robe.

SHAFT BELLS.



No. 0153.

Polished bell metal bells on leather strap. Price per pair, $.60

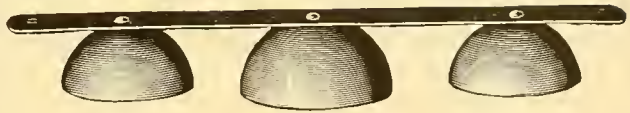


No. 861.

Wrought steel nickel finished beaded bells on enamelled steel strap. Price per pair, $.60

No. 029.

Cast bell metal nickel plated bells on enamelled steel strap. Price per pair, $1.00



No. 013.

Wrought steel nickel finished bells on enamelled steel strap. Price per pair, $.60

No. 15.

Cast bell metal nickel plated bells on enamelled steel or leather strap. Price per pair, $1 00

No. 19.

Cast bell metal nickel plated bells on enamelled steel strap. Price per pair, $1.25

SHAFT BELLS.

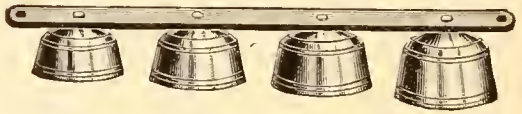
No. 010. Wrought steel nickel finished beaded bells on enamelled steel strap. Price per pair, $ .85

No. 42½. Wrought brass nickel plated bells on enamelled steel strap. Price per pair, 1.75

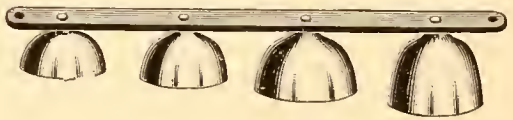
No. 42. Cast bell metal nickel plated harmonized bells on enamelled steel strap. Price per pair, 2.25

No. 1108. Feather weight speeding chime. Cast bell metal nickel plated bells on nickel plated strap. Designed especially for fast driving where a light chime is required. The bells are small and occupy a position so close to the shaft that they will not cut the horse when speeding or in case of accidental fall. Price per pair, 1.75

No. 069½. Wrought steel nickel finished bells on enamelled steel strap. Price per pair, $1.25



No. 069. Cast bell metal nickel plated harmonized bells on enamelled steel strap. Price per pair, 2.25



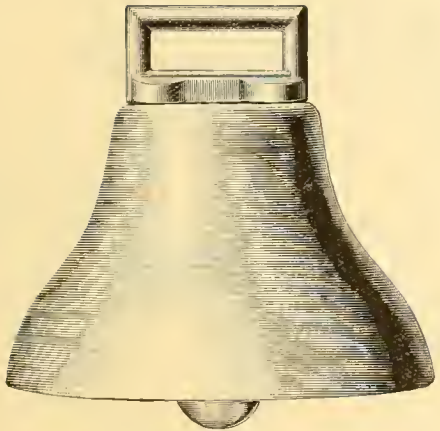
No. 997. Cast bell metal nickel plated harmonized bells on nickel plated strap. Price per pair, 3.00

No. 996. Same style brass plated. Price per pair, 3.00

No. 54. Cast bell metal nickel plated tuned bells on nickel plated strap. Price per pair, 3.75

No. 53. Same style brass plated. Price per pair, 3.75

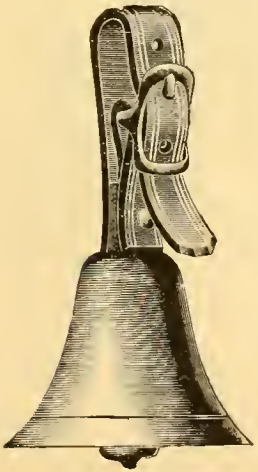
TEAM BELLS.



Navajo.

Wrought steel, copper plated.

No. 1.	Diameter, 3⅝ inches.	Price each, $ .25
No. 17.	Diameter, 4 inches.	Price each, .30
No. 15.	Diameter, 5 inches.	Price each, .40

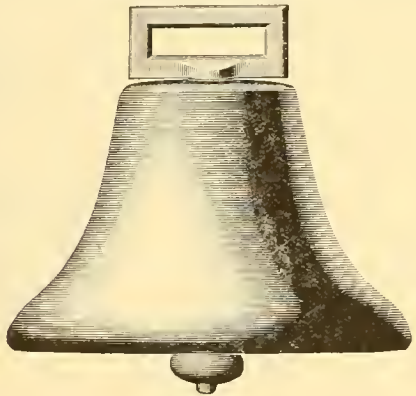


Aroostook.

Polished bell metal with heavy leather strap.

No. 21. Diameter, 4½ inches. Weight about 1¼ lbs. Price each, $ .67

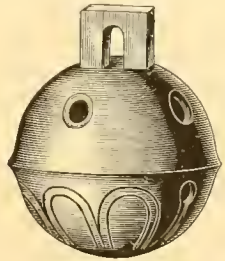
No. 31. Diameter, 5 inches. Weight about 2 lbs. Price each, .90



Dominion.

Polished bell metal, rolled edge.

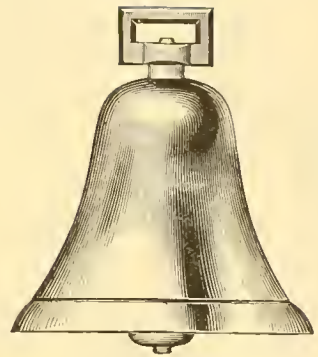
No. 6.	Diameter, 3½ inches. Weight about ⅝ lbs. Price each,	$ .40
No. 8.	Diameter, 4⅛ inches. Weight about ⅞ lbs. Price each,	.50
No. 10.	Diameter 4½ inches. Weight about 1 lb. Price each,	.60
No. 12.	Diameter, 5 inches. Weight about 1¼ lbs. Price each,	.75



Round.

Polished bell metal.

No. 6.	Diameter, 1¾ inches. Price each,	$ .10
No. 8.	Diameter, 2⅛ inches. Price each,	.15
No. 10.	Diameter, 2⅜ inches. Price each,	.25
No. 12.	Diameter, 2⅝ inches. Price each,	.30
No. 14.	Diameter, 3 inches. Price each,	.40
No. 16.	Diameter, 3¼ inches. Price each,	.60
No. 18.	Diameter, 3¾ inches. Price each,	.67



Heavy Loop Team.

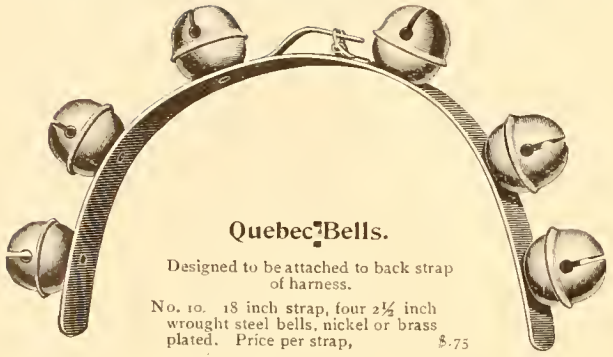
Polished bell metal.

No. 6.	Diameter, 3½ inches. Weight about ¾ lb. Price each,	$ .40
No. 8.	Diameter, 4 inches. Weight about 1 lb. Price each,	.50
No. 10.	Diameter, 4¾ inches. Weight about 1½ lbs. Price each,	.67
No. 12.	Diameter, 5 inches. Weight about 2 lbs Price each,	.90

Swiss.

No. 4. Diameter, 4 inches. Price each, $ .75

BELLS.



Quebec Bells.

Designed to be attached to back strap of harness.

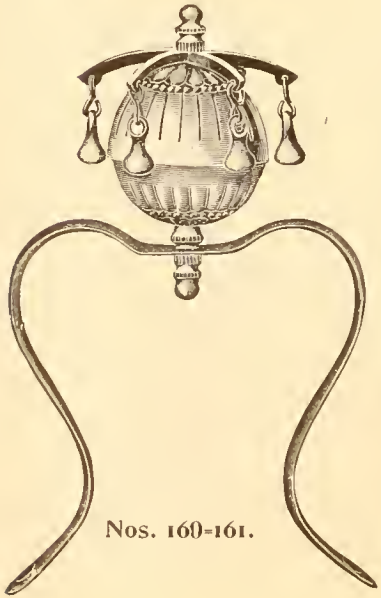
No. 10. 18 inch strap, four 2½ inch wrought steel bells, nickel or brass plated. Price per strap, $.75

Swedish Bells.

Designed to be attached to back strap of harness.

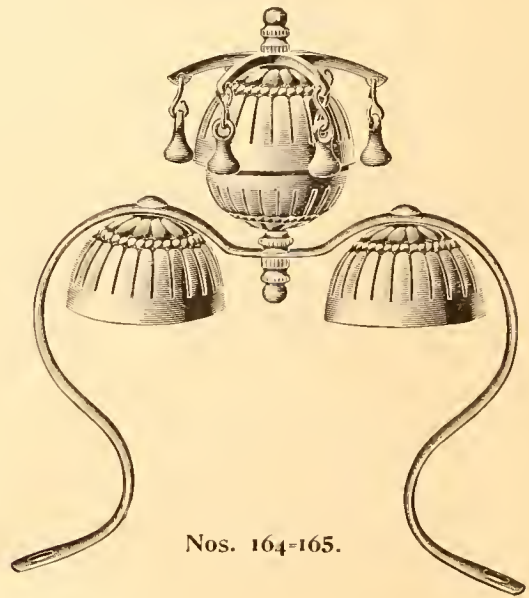
No. 0469. 18 inch strap, two 2 inch and two 2½ inch wrought brass bells, nickel or brass plated. Price per strap, $1.75

SADDLE CHIMES.



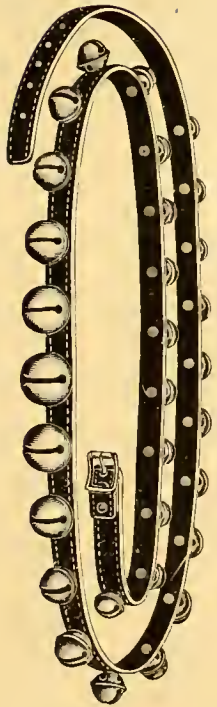
Nos. 160-161.

No. 160.	Nickel plated.	Price each,	$2.00
No. 161.	Brass plated.	Price each,	2.00
No. 164.	Nickel plated.	Price each,	2.75
No. 165.	Brass plated.	Price each,	2.75



Nos. 164-165.

BODY AND MARTINGALE BELLS.



Body Bells.

No. 639. Nickel, 19 graduated cast bell metal bells on black leather strap. Price per strap, $1.75

No. 639. Brass, 19 graduated cast bell metal bells on black leather strap. Price per strap, 1.75

No. 844. Nickel, 30 1¼ inch wrought steel bells on black leather strap. Price per strap, 2.00

No. 857. Brass, 30 1¼ inch wrought steel bells on black leather strap. Price per strap, 2.00

No. 1202. Nickel, 48 1¼ inch wrought steel bells on black leather strap. Price per strap, 2.75

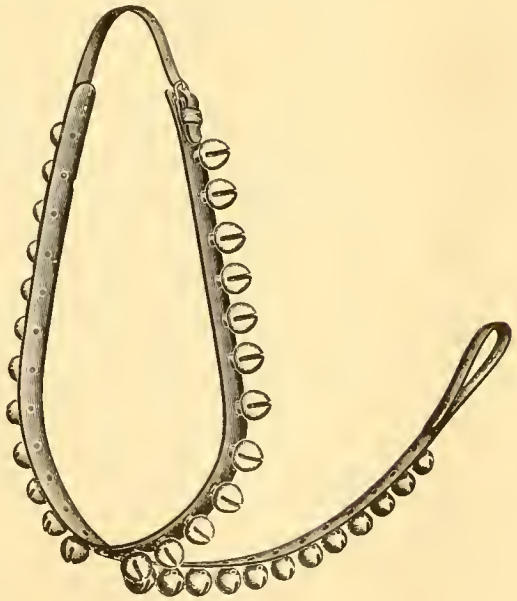
No. 1220. Brass, 48 1¼ inch wrought steel bells on black leather strap. Price per strap, 2.75

No. 684. Nickel, 25 graduated cast bell metal bells on black leather strap. Price per strap, 2.75

No. 684. Brass, 25 graduated cast bell metal bells on black leather strap. Price per strap, 2.75

No. 237. Nickel, 36 1⅛ inch cast bell metal bells on fancy leather bound strap. Price per strap, 3.25

No. 253. Brass, 36 1⅛ inch cast bell metal bells on fancy leather bound strap. Price per strap, 3.25



Martingale Bells.

All the above grades can be furnished in either body or martingale style.

LEATHERS.

We are large handlers of the many varieties of Leather used by Harness Manufacturers and Carriage Trimmers.

Harness Leather
Trace Leather
Collar Leather
Breeching Leather
Loop Leather
Russet Rein Leather
Russet Strap Leather
White Rawhide

Dasher Leather
Black Enamel Leather
Colored Enamel Leather
Skirting Leather
Railing Leather
Bow Leather
Belting Bellies
Rawhide Lace Leather

Apron Skins, Wool Skins, Etc., Etc.

Prices Quoted on Application.

Miscellaneous Section

Showing a line of goods carried in connection with our Automobile Supply and Bicycle Department

Dealers' Price List.

For the convenience of our patrons we have issued a special Confidential Price List for Dealers only, applying to this Miscellaneous Section of our catalog. We shall be pleased to mail same to all Dealers upon application.

BASE BALL GOODS.

D. & M. Official League Balls.

No. 190.

The D. & M. official league ball is guaranteed to conform exactly to the specifications and requirements of the National and American Leagues. It is made of the very best material that can be procured throughout its construction and is second to none in resiliency and durability and is officially adopted by many professional and amateur leagues. All official league balls having our trade mark and sealed are warranted to measure 9 inches in circumference, weigh 5 ounces and guaranteed to last a full game of 9 innings without losing their elasticity or shape and without ripping unless misused. Each ball is wrapped in goldfoil, put in a separate box and sealed. $1.25

D. & M. Base Balls.

This entire line of base balls is made of most carefully selected material and by skilled workmen with a view to giving the purchaser the best value for his money. These balls like the rest of the D. & M. goods are equal if not superior to any other goods. Anyone purchasing the D. & M. balls will have the factory guarantee that they will be found just as represented.

D. & M. College League.

No. 180.

This ball is made with the same care and workmanship that is employed in the manufacture of our league balls. Made of all-wool yarn with 1 ounce of the best para rubber in centre, genuine horsehide cover, regulation size and weight, and is exactly in accordance with the National and American League requirements. Each ball is put in a separate box and sealed. Warranted to last a full game. Price each, $1.00

D. & M. University League.

No. 165.

This ball is made of all-wool yarn, horsehide cover. Is regulation size and weight. Put in individual boxes and sealed, and is superior to any other 75c. Ball on the market. Very lively. Price each, 75 cents.

D. & M. Cock of the Walk.

No. 162.

This ball is made of good material, horsehide cover, regulation size and weight. A high grade ball for the money. Each ball put in a separate box and sealed. Price each, 25 cents.

You are throwing 25c away every time you pay more than $1.25 for an official league ball. D. & M. ball is perfection. Why pay more?

BASE BAL GOODS.

D. & M. Base Balls.

D. & M. Cracker Jack. No. 170.

This ball is made of good material, horsehide cover, regulation size and weight, and warranted a first-class ball for the money. Each ball separately boxed and sealed, $.50

D. & M. Youths' Lively. No. 135.

Made of good material, two-piece cover. A lively boys' ball. $.10
(By mail $.05 extra.)

D. & M. Junior League. No. 150.

Slightly under regular size, horsehide cover and very lively. Carefully made and a perfect boys' size ball. Put in separate boxes and sealed, $.25

D. &. M. Chaser. No. 130.

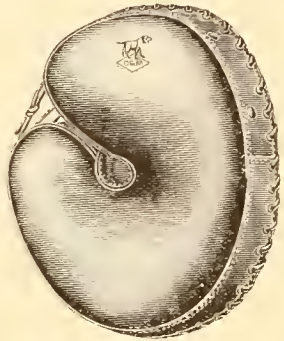
Made in regulation size, and of good material, and lively, $.10
(By mail $.05 extra.)

D. & M. Boys' Pride. No. 120.

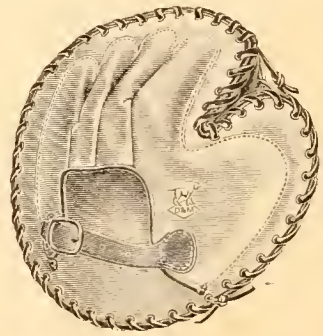
Made of good material, and is a good $.05 ball. $.05
(By mail $.05 extra.)

D. & M. Professional Catchers' Mitts.

No. 678.



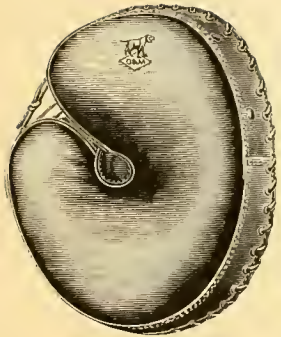
This mitt is made entirely of the finest quality Cordovan calfskin which will not harden by wetting. It is padded with the best asbestos padding, hand sewed and molded in such a manner as to form a deep pocket. Made with our latest improved lacing device whereby the back is laced to the palm allowing the player to adjust the pad to suit his fancy. The thumb and top of the mitt are protected by a rubber guard (patented) extending entirely around the thumb and front of the mitt. This guard is riveted to the edge of the mitt, keeping it in perfect shape and preventing the ball from coming in contact with the fingers. The thumb is supported and a much better pocket is formed by our improvement (patented) by which the thumb is laced to the hand of the mitt, forming a deep pocket. The seams between the thumb and hand are reinforced by our improvement (patented April 30, 1901) consisting of a piece of horsehide extending over the seams between the thumb and hand and thoroughly fastened, preventing all possibility of ripping. In material, workmanship and construction this mitt cannot be surpassed.



Price, $7.00

BASE BALL GOODS.

D. & M. Professional Catchers' Mitts.



No. 668.

No. 668.

Catchers' mitt made of fine black calfskin palm and strip, and black kid fingers, has our latest improved lacing device for adjusting the pad, patent reinforced seams, double sewed throughout, which with our patent lacing between the thumb and hand and our new improved style padding makes a mitt ready for immediate use and requires no breaking in. $4.50

No. 660.

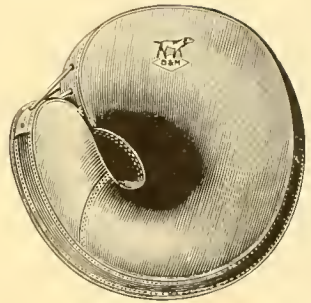
Made of black Cordovan leather, extra large size, patent lacing between thumb and hand, patent reinforcement in the palm, latest improved laced back, has a deep pocket and is strongly made and a very desirable mitt for the money. $2.00

No. 613.

Extra large size, manufactured of the celebrated California Napa tan leather which will not harden from wetting, has our latest improved laced back, patent lacing between thumb and hand, reinforced seams and a large deep pocket. $1.75

No. 615.

This mitt is manufactured of celebrated olive green horsehide, double sewed throughout and padded with our latest improved hand sewed and molded asbestos pad and has our patent lacing between thumb and hand, forming a deep pocket, also our laced back for adjusting the pad. Rubber guard and reinforced seams and is in every way a first-class mitt. $5.50



No. 109.

No. 692.

Manufactured of drab horsehide leather for the palms and Yucatan leather for the fingers and back and is made in men's extra large sizes, has our latest improved laced back for repadding, patent rubber guard, patent laced thumb and patent reinforcement between the thumb and hand, preventing all possiblity of ripping. $2.50

No. 609.

Made of extra quality Napa tan leather, men's size, all leather, well padded, strongly sewed, patent lacing at thumb, latest improved laced back and a deep pocket. $1.00

No. 109.

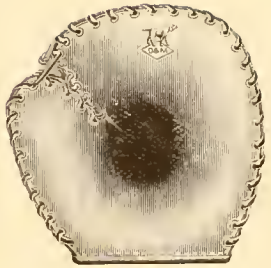
Napa tan leather, men's size, same as No. 609 without laced back. All leather. $ .75

No. 58X.

Youth's catchers' mitt made of extra strong Napa tan leather palm and fingers, heavy brown duck back, bound around the outside, has our patent laced thumb and deep pocket. $ .25. (By mail $ .10 extra.)

BASE BALL GOODS.

D. & M. Professional Laced Basemen's Mitts.

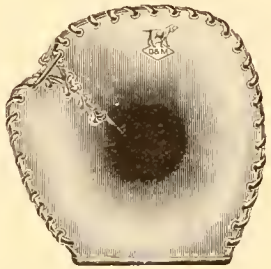


No. 648.

Made of the finest quality Cordovan calfskin, large size, leather lined throughout, leather faced all around. Padded with our improved self-conforming asbestos pad, special inside roll at the heel, very flexible, has our patent lacing between the thumb and hand, a deep pocket, and requires no breaking in. Strap and buckle fastener at wrist. Price each, $4.00

No. 695.

Made of extra quality black horsehide palm and Eureka tan black leather back, laced around the outside, well padded at heel, which, with our patent lacing between the thumb and hand, forms a deep pocket, extra large size and very flexible, conforming to the hand and gives the best protection. Strap and buckle attachment at the wrist. Price each, $3.00



No. 644.

Made of drab colored horsehide leather for palms and olive green leather back, laced around the outside, patent lacing at thumb, well padded and a good pocket. Strap and buckle at the wrist. Price each, $1.75

No. 643.

Made of fine quality pearl horsehide palm, Benton tan back, laced around the outside, padded with the best asbestos padding, patent lacing between the thumb and hand and a deep pocket. Strap and buckle fastening at the wrist. Price each, $2.50

No. 42.

Men's size, made of Craven leather, no lacing around the outside. Strap and buckle fastener. Price each, $1.00

BASE BALL GOODS.

D. & M. Fielders' Gloves.

No. 24.

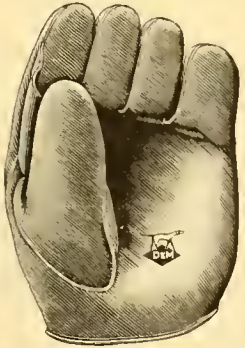
Made from the best quality of drab-colored horsehide leather, welted seams, sewed with best linen thread, waxed, heavily padded at the heel and side of the hand with best asbestos felt, and lined with kid, web between thumb and forefinger. Especially adapted for pitchers and basemen.

Price, $3.50

No. 447.

Made of the best quality black Napa tan leather, black kid lined throughout, sewed with best linen thread, waxed, and welted seams, padded heavily at heel and around edges up into little finger, has web between thumb and forefinger and deep pocket.

Price, $2.00



No. 34.

Made from selected olive green horsehide, heavily padded around heel and little finger with best asbestos felt, forming a deep pocket. Welted seams and web thumb.

Price, $2.75

No. 420.

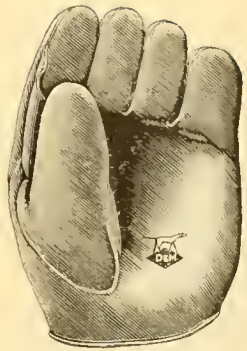
Made of finest quality drab chrome tan leather, lined throughout with kid, sewed with best linen thread, well padded at heel and web between thumb and forefinger.

Price, $1.75

No. 6x.

This glove is made of extra quality brown leather, felt lined and heavily padded at heel and around edges, sewed with linen thread, waxed, and welted seams, and has web between thumb and forefinger.

Price, $1.25



No. 25.

Made from the finest quality drab chrome tan leather, lined throughout with fine black kid, sewed with best linen thread, waxed, welted seams, padded heavily at the heel and around the edge of hand, extending up into the little finger, with the best asbestos padding, web between thumb and forefinger and deep pocket.

Price, $2.50

No. 437.

Made of the finest black French calf leather, sewed with the best linen thread, waxed, welted seams, web thumb and well padded at the heel, forming a deep pocket, kid lined.

Price, $2.50

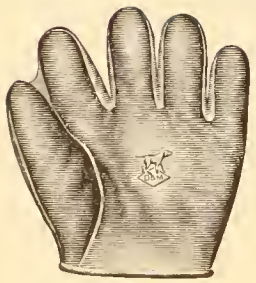
No. 14.

Made of fine quality brown Napa tan leather, waxed and welted seams, sewed with best linen thread, brown kid lined throughout, heavily padded at heel and around edges up into little finger, forming a deep pocket, web between thumb and forefinger.

Price, $2.00

BASE BALL GOODS.

D. & M. Fielders' Gloves.



No. 3.

Boys' fielders' glove, made of chrome tan leather, large size, leather lined, well padded, web thumb and strongly made. $ .35

No. 5X.

Boys' fielders' glove, made of genuine Yucatan leather, felt lined, well padded, web between thumb and forefinger, large size. $ .25

No. 35.

Made of genuine white Napa leather, strongly made, extra well padded, web between thumb and forefinger. $ .50

No. 17X.

Made from finest quality drab chrome tan leather, heavily padded around heel and little finger, forming a deep pocket. Welted seams and sewed with strong linen thread, waxed, web between thumb and forefinger. $2.25

No. 19.

Made of California brown leather, web between thumb and forefinger, strongly sewed, leather lined throughout, extra well padded and a fine large pocket. $1.25

No. 26.

Made of olive green leather, kid lined, heavily padded at heel, web thumb and strongly made throughout. $ .75

No. 12.

Made of wine-colored Napa tan leather, strongly sewed, web thumb, leather lined, well padded and a good pocket. $ .50

D. & M. Masks.

B.

B. This mask is fitted with soft calfskin pads like our **A.** mask, but without neck pad; is made of extra heavy steel wire, electro blued, with head and chin pieces, also head strap. This mask is just as strong and durable as our **A.** mask, and many prefer it without the neck pad. $2.75

D. This mask is made of electro blued steel wire and is nicely padded with kid leather. Hair stuffed pads with head and chin pieces. The pads are thoroughly wired to the mask like our best masks, and is a very fine mask for amateurs. Full size, $1.75

E. This mask is made of electro blued steel wire, padded same as our **D.** mask, only a trifle lighter wire. It is well made, full size, and a very good mask for light work. $1.50

M. Boys' mask, made of electro blued steel wire with side pads and head and chin piece. $ .50

I. Youths' mask, electro blued wire and has side pads. $ .25

BASE BALL GOODS.

D. & M. BATS.

Made from the very best selected second growth white mountain ash. The wood is natural air dried under cover from one to three years before the bats are finished. Made in different lengths and models, which enables us to satisfy all demands.

D. & M. CYCLONE.

No. 20. Made from the highest grade selected second growth straight-grained white mountain ash, burnished surface, highly polished, perfectly balanced. The finest bat in every way that can be turned out. $1.00

D. & M. WINNER.

No. 40. Made of straight-grained white ash, thoroughly seasoned, burnished surface. A fine bat at a moderate price. 50 cents.

D. & M. CLIPPER.

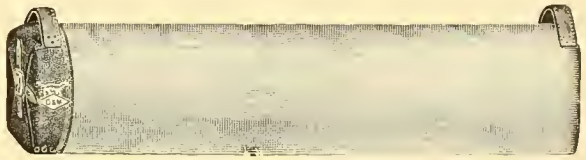
No. 50. Made from white ash, free from knots, full size. 35 cents.

D. &. M. BOYS' BATS.

No. 90. White ash, varnished and polished. 10 cents.
No. 7. This is our boys' 5 c. bat, black tip. 5 cents.

D. & M. BAT BAGS.

These bags are made from extra heavy water-proof brown duck, in a thorough manner. Each end is reinforced by heavy leather.



No. 3. Holds 6 bats. $2.50

No. 2. Holds 2 bats, leather bottom. $1.25

BASE BALL GOODS.

D. & M. Pitchers' Toe Plates.

No. 1.

D. & M. fine quality aluminum toe plate, right or left. $ .25

No. 2.

D. & M. fine quality brass toe plate, right or left. $ .25

D. & M. Toe and Heel Plates.

Toe.

Heel.

No. 2.

D. & M. best quality steel toe plate. Each pair furnished with screws. $ .25

No. 2.

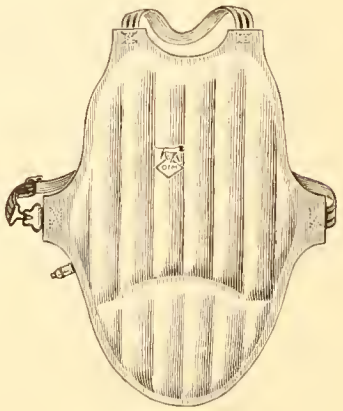
D. & M. best quality steel heel plate. Each pair furnished with screws. $ .25

No. 3.

D. & M. good quality steel toe plate. Each pair furnished with screws. $ .10

No. 3.

D. & M. good quality steel heel plate. Each pair furnished with screws. $. 10



No. 10C.

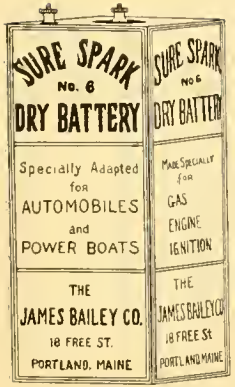
D. & M. Body Protectors.

Men's inflated body protector, good weight and very serviceable. $4.00

Base Ball Guide.

Official base ball guide published by Napoleon Lajoie. $ .10 per copy.

DRY BATTERIES.



Sure Spark Dry Battery.

Excels all in voltage, amperage and efficiency. Is manufactured especially for gas engine ignition, and is the best battery on the market for any use that a dry battery is suitable. The No. 6 battery is put up in a square carton, which makes it a most popular package.

No. 6.	2½x6	$ .25 each.
No. 7.	3 x7	.60 each.
No. 8.	3½x8	.85 each.

Eastern Dry Battery.

The features of the Eastern Dry batteries are as follows:

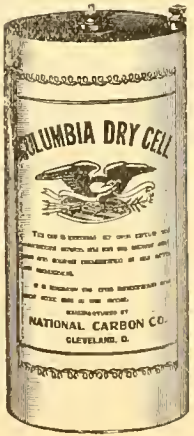
Low internal resistance, high voltage, uniformity, durability.

No. 3.	2½x6	$ .30 each.

Ever Ready Dry Battery.

The Ever Ready battery is standard everywhere. Has high amperage and long life. The battery for high grade work.

Style I.	2½x5	$ .30 each.
Style J.	2½x6	.35 each.
Style K.	3 x7	.75 each.

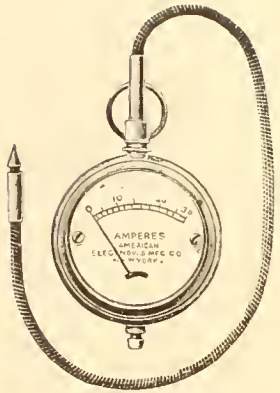


Columbia Dry Battery.

The Columbia Dry cell is well known and is most efficient and satisfactory.

No. 6.	2½x6	$ .30 each.

IGNITION APPARATUS.

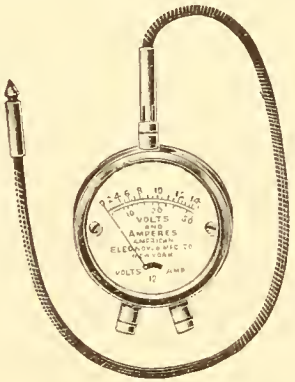


Lenco Ammeters. Volt Ammeters.

An excellent pocket instrument for testing dry cells. Just the size of a watch, accurate and efficient. Practically dead best. Testing cord can be easily attached or detached.

Prices.

0 to 30 amperes, each, $2.50
0 to 30 amperes, 0 to 18 volts, each, 3.50



Immunity Copper Terminals.

These terminals insure a good contact and lessen the external resistance in the circuit.

No.	Takes	Dozen.
0	Battery wire.	$.24
1	Primary wire.	.30
2	No. 2 semi-high.	.40
3	No. 3 secondary.	.50

Connecticut Ammeters, Etc.

Connecticut meters are furnished in a handsome leather case with snap lock.

Ammeters.

No. 0803.	0-15 amperes, each,	$3.00
No. 803.	0-30 amperes, each,	3.50

Volt Meters.

No. 804.	0-3 volts in 1-10 volt divisions, each,	$3.50
No. 805.	0-8 volts in 1-10 volt divisions, each,	3.50
No. 806.	0-15 volts in 1-10 volt divisions, each,	4.00

Volt Ammeters.

No. 801.	0-24 amperes, 0-6 volts, each,	$5.00
No. 802.	0-30 amperes, 0-6 volts, each,	5.00
No. 0802.	0-30 amperes, 0-15 volts, each,	6.00

Tip Top Battery Connections.

Saves time and labor and also insures a perfect connection. Easily attached or detached.

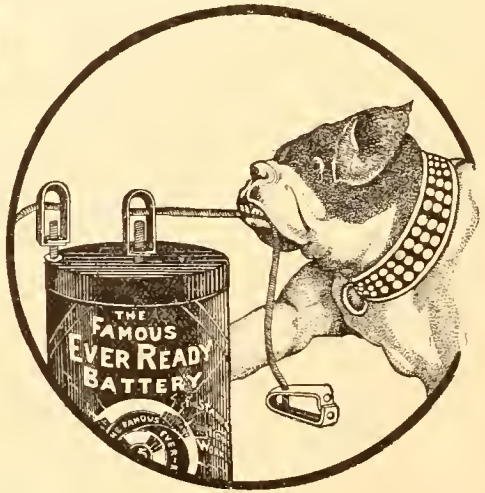
Price per dozen, $.50

Bull Dog Battery Connections.

These battery connections are well made and do away with time and trouble in changing batteries. Just snap them on and they will never jar off.

Price per dozen, $.75

Bull Dog Battery Connections.

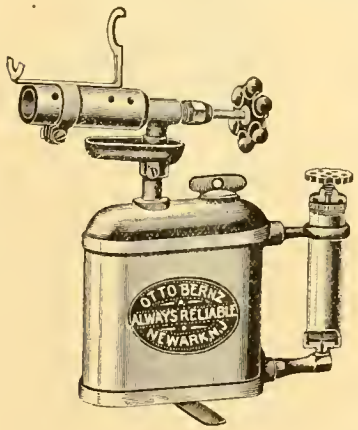


TORCHES, BRAZING MATERIAL, ETC.

Vulcan Torches.

A gasoline torch you can depend upon. brass torch, simple in construction. Works automatically. Intense heat. Steady blast. Compact. Can be taken apart and carried in the pocket. For bicycle repair men, carpenters, coppersmiths, electricians, gas fitters, painters, plumbers, railroad mechanics, tinsmiths, etc.

Price, $2.75 each.



No. 16 Reliable Torch.

The burners are made of bronze metal, which makes the bluest and hottest flame; they will generate 2,000 degrees Fahrenheit. Note the adjustable soldering iron holder. Torch only 2 inches thick, holds one pint.

Price, $4.50 each.

Brazing Material.

Brazing solder (Spelter), best quality,	$ .35 lb.
Flat brazing wire, best quality,	.50 lb.
Superior brazing compound (brazing flux), 1 lb. package, each,	.50

Solderene Paste.

A new rapid flux for soldering iron, copper, brass, lead, zinc, tin, etc., as well as gold, silver, platinum, etc. For heavy and light work and in place of acids, salts, etc., and where common solder is desired. Small joints may be soldered with the paste alone. It is odorless, waterproof, economical. Will not waste, evaporate, corrode.

Price 3 ounce box, $ .25 each.

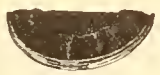
Solderene.

A complete soldering equipment instantly solders gold, silver, copper, brass, iron, tin, etc., without the use of strong acids or other fluxes. Stronger than solder, clean, rapid and non-corrosive. One bar sufficient for 50 to 200 joints, connections or repairs. As only one operation is required, one-half the work and inconvenience is saved.

Price per stick, $ .10

FOLDING SPECIALTIES.

DUPLEX FOLDING WASH BASINS.



Made of the same material as other Duplex Specialties. They will hold water as hot as skin will stand, and for man or beast—in sickness or in health—they offer individual service. They are light and durable and can be carried in a very small space. Price $1.00 each.

DUPLEX FOLDING FUNNELS.

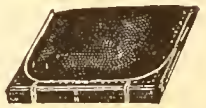
These are the only collapsible or folding funnels made. They occupy very little space folded and are easy to open. Made of canvas lined with a gasoline proof material. Metal parts are spring steel, rustproofed. The strainer separates the water from the gasoline and prevents chips, straw or dirt from passing through the funnel. Price, $1.50 each.

DUPLEX FOLDING PAILS.

Are made of brown canvas, thoroughly waterproofed, and metal parts are spring steel, rustproofed. They have a splash guard, strainer and spout which allows water to be secured from any lake or stream and tank, tea kettle or glass filled with water strained clean enough to drink.

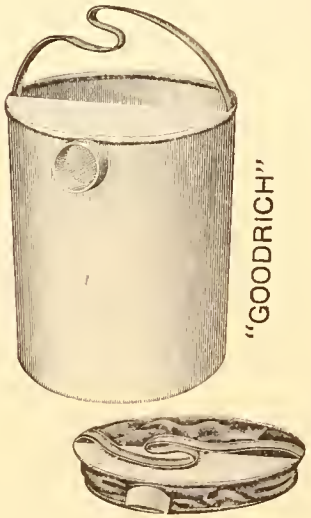
No. 4, holding six quarts, $1.50 each.
No. 5, holding ten quarts, 2.00 each.

DUPLEX FOLDING HANDY BASKETS.



They carry liquids or solids equally well and will keep ice or water cool. They can be washed or you can wash dishes in them. Have double handles and covers fasten with pull down snap hooks.

No. 316 16x 9x7½ inches when open. $2.00 each.
No. 318. 18x11x9½ inches when open. 2.50 each.



COLLAPSIBLE WATER BUCKET.

An article that is largely used. It is adapted for a great many purposes. These buckets are fitted with gravel screen.

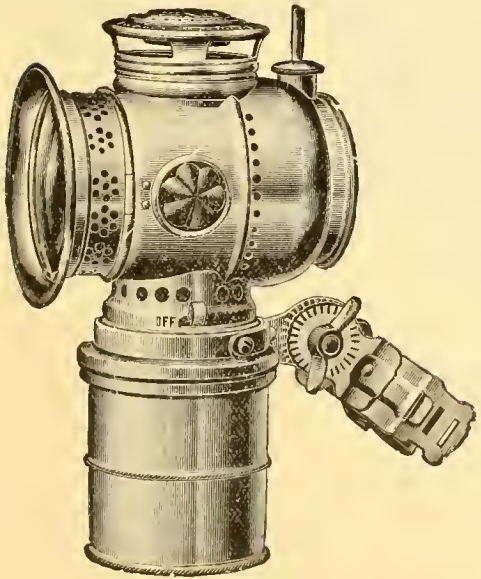
Price, $1.75 each.

DRINKING CUPS.

Being made of rubber are collapsible and very popular for automobilists, bicycle riders and campers, etc.

Price, $ .25 each.

LAMPS, CALCIUM CARBIDE, ETC.



SOLAR GAS.

Bicycle size, nickel plated. Also used as a driving lamp for horse drawn vehicles in connection with Solar dash bracket.

Lamp.	Price each,	$3.00
Dash bracket.	Price each,	.85

This carbide is made of selected calcium carbide and gives a clear white light and is especially suitable for automobile lamps. We carry two pound cans in the ½ inch size, and ten pound cans in two sizes, ½ inch and inch. The inch size is better suited for large generators.

Price,	2 lb.	$ .25 each.
Price,	10 lb.	1.00 each.

EVER READY FLASH LIGHTS.

Miner's style, fibre covered,	1½x8½.	$2.50 each.
Regular style, fibre covered,	1½x8½.	1.50 each.
Regular style, enamelled metal,	1½x8.	1.00 each.
Extra batteries only,		.35 each.
Extra bulbs only,		.35 each.

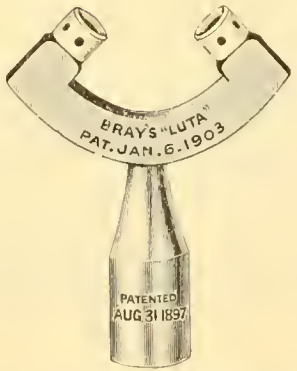
EVER READY VEST POCKET LIGHTS.

Cloth covered, $ .85 each.

Marbled metal case, .60 each.

Extra batteries only, .30 each.

Extra bulbs only, .30 each.



"LUTA" BURNER.

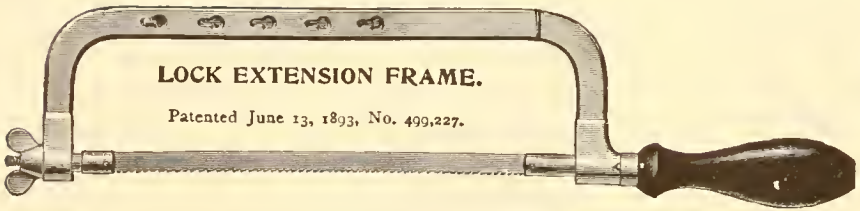
½ or ¾ foot.

Burner is made almost entirely of metal, lava only is used where flame comes in contact with burner. Is largely sold in communities that depend upon acetylene gas systems.

Price, $ .40 each.

TOOLS.

HACK SAW FRAMES.



ADJUSTABLE FRAME.

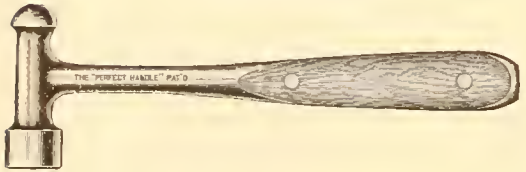
Fits any length blade.	$1.25 each.
Rigid frame for 8 inch blades.	.60 each.

THOMPSON HACK SAW BLADES.

6 inch.	$ .10
8 inch.	.10
9 inch.	.10
10 inch.	.15
12 inch.	.15

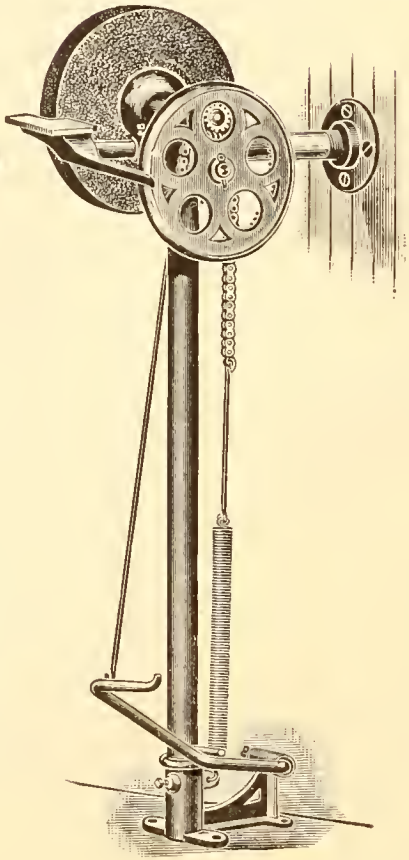
HAMMERS.

Perfect Handle Hammer.



It is drop forged from one piece of steel, that is, the head and handle are of one piece and highly finished, and it is impossible to lose either part. In short, this hammer is an "all round" helper in repairing. It is 10 inches long, 3¼ inches head and weighs 19 ounces. Price, $1.00 each.

Nail hammers,—weight, 1 lb.	$ .60 each.
Nail hammers,—weight, 13 oz.	.50 each.
Ball Pien hammers,—weight, 8 oz.	.50 each.
Ball Pien hammers,—weight, 12 oz.	.75 each.
Rivet hammers,—weight, 7 oz.	.35 each.
Rivet hammers,—weight, 9 oz.	.40 each.



SUCCESS EMERY GRINDER.

(Foot Power.)

3,000 revolutions per minute attained by a simple and easy motion of the foot.

Just like a Power Machine.

THE GREATEST GRINDER ON EARTH for grinding drills, castings machine parts, knives, scissors, and all kinds of tools. It is just the thing for bicycle repairmen, blacksmiths, jewelers, carpenters, butchers, harness makers, wagon makers, mechanics, farmers and miners.

GRINDS TWICE AS FAST AS ANY GRINDSTONE. Needs no turning. One person does it all.

DESCRIPTION.

This machine when set up stands 4 feet high; the upright or standard is made of ¾ inch tubing, and is very solid and strong. The emery wheel is of the highest grade, and is 8 inches in diameter by 1¼ inch face. It is supplied with a suitable and substantial rest. It has no belt to slip, loosen, or break, neither has it lead gear teeth to wear out and bind. The movement of the foot operates a ball-ratchet, which sends the emery wheel spinning easily at 3,000 revolutions per minute. The machine screws to the floor and wall, and is quickly and easily set up. Each machine is crated for shipment.

TOOLS.

Eagle No. 10 Screw Driver.

Round cherry finish handle, nickel ferrule, best forged cast steel blade.

2 inch,	$ .15	4 inch,	$ .15	6 inch,	$ .20	8 inch,	$ .25
3 inch,	.15	5 inch,	.18	7 inch,	.20	10 inch,	.30
			12 inch,	$ .35			

Perfect Handle Screw Driver.

This screw driver is the most durable and substantial tool ever put upon the market. The body of the screw driver is a one-piece drop forging and the wooden handles are inserted in pockets in the steel body. The end of the steel body forms a hammer head which is very useful in starting screws or for any use to which a hammer is put. On the machinists' screw driver the shank is square and a wrench can be put on it.

	Dozen		Dozen
2 inch,	$4.25	6 inch,	$6.00
4 inch,	4.25	8 inch,	8.00

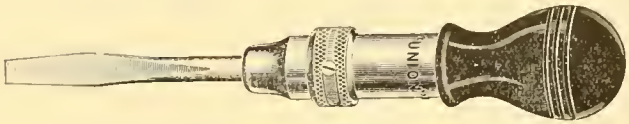
Machinists', 9½ inches over all, 4½ inches length of blade, ½ inch width of point, thickness, $\frac{1}{16}$ inch.

Price, $1.00.

Esco No. 2 Screw Driver.

This is the finest small screw driver we have ever seen, made from smooth flat steel with rounded corners, blade is hardened and point ground, nicely nickeled.

Price, $ .10 each.



Improved Union Ratchet Screw Driver.

Vest Pocket Size.

The vest pocket ratchet screw driver is especially adapted for all kinds of electrical, telephone, bell-hanging, store service and similar work where a pocket screw driver is much needed. It is very strong, light and nicely finished.

No. 2, 2 inch blade, $ .40 each.

Yankee Spiral—Ratchet Screw Driver No. 30.

The best tool of the kind—very simple, strong and durable. Especially adapted for repairer's use. Chuck positive in its hold on bits. Extreme length of tool with bit in chuck 13½ inches closed and 19½ inches when fully adapted. Bit with slot for spokes furnished if so ordered.

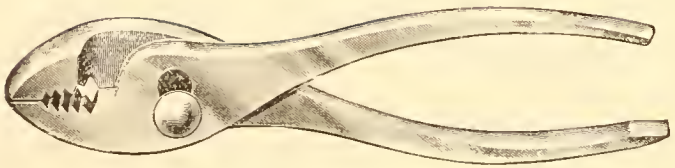
Price, $2.00 each.

Perfection Screw Driver.

Steel drop forged and toughest temper Perfection screw drivers are the result of careful experiment and tests. They are strong, durable, and attractive in appearance.

4 inch,	$ .25	5 inch,	$ .35	6 inch,	$ .45	8 inch,	$ .55

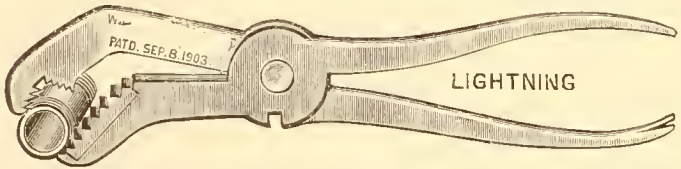
TOOLS.



NO. 10 IMPROVED COMBINATION PLIERS.

Gas pliers, wire cutters, wrench and screw driver combined.

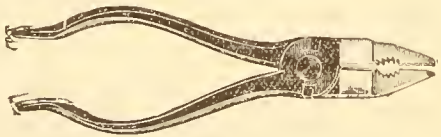
Drop forged from tool steel. Price, nickel plated, $ .75 each.



LIGHTNING COMBINATION WRENCH AND PLIER.

A perfect pipe and nut wrench, also a wire cutter, screw driver and nail or tack puller. Drop forged tool steel, tempered and highly polished.

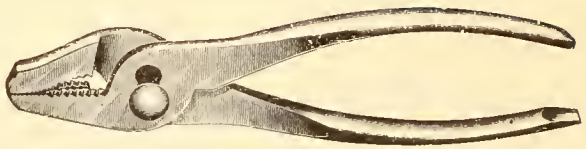
Size.	Takes pipe.	Each.
6 inch.	⅛ to ⅜ inch.	$ .80
7 inch.	⅛ to ½ inch.	.90
8 inch.	⅛ to ¾ inch.	1.00
12 inch.	⅛ to 1 inch.	1.20



SIDE CUTTING PLIERS.

These Side Cutting Pliers are made of extra quality cast steel and are hand forged. They are a combination side cutting plier, wire cutter and screw driver.

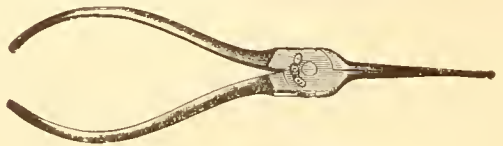
6 inch, nickel plated.	$ .75 each.
8 inch, black finish.	.75 each.



VICTOR UNIVERSAL PLIER.

Wire cutter on handle side of fulcrum.

This is the only **Universal** plier and wire cutter on the market, the upper jaw being built on such lines that it will push anything its entire length or width to the straight jaw, thus giving a better hold by 50 per cent than any other plier. It will adjust itself to any taper, half round, three square or parallel. In taking hold of a taper, three square or parallel, the flat side always lays itself to the straight jaw. It will take in a pipe from ⅜ inch to 1¼ inch in diameter. In applying it to a pipe, the harder you press or pull the deeper the plier bites; it positively will not slip owing to the position of the teeth. Price, $ .75 each.

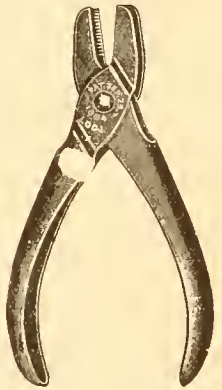


NO. 2 PLUG PLIERS.

Price each, $ .20

NO. 75 PLIERS.

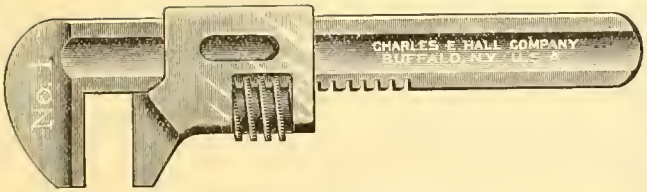
Hand forged, has long thin jaws ⅛ inch thick, to grasp edge and small lock nuts, etc., where there is only a narrow space to get at them. 7½ inches long over all. Price each, $ .75



LODI VALVE PLIERS.

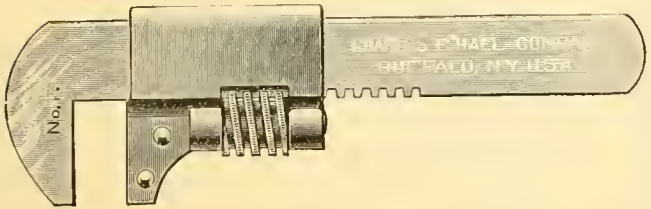
Price each, $ .40

TOOLS.



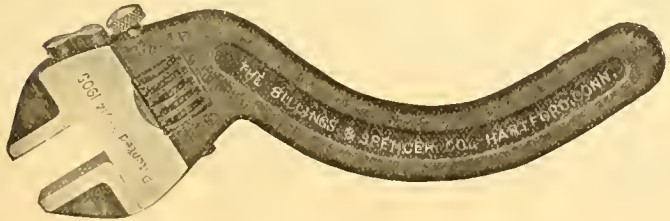
No. 1 Wrench.

Nickeled. Price, $ .35 each.



No. 2. Wrench.

Black, $ .25 each.



B. & S. Adjustable "S" Wrenches.

Every part is drop forged and the sliding jaw is fitted in a double groove which greatly adds to the strength of the tool. The thumb screw securely locks the nut when the wrench has been adjusted to the opening desired. Black finish.

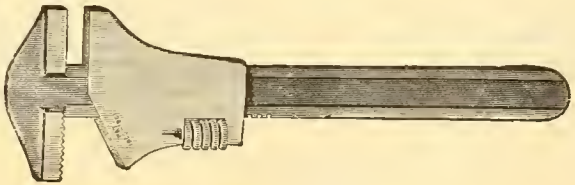
Length closed.	Opens.	Each.
6 inch.	1 inch.	$ .90
8 inch.	1¼ inch.	1.00
10 inch.	1½ inch.	1.10

MODEL E.

B. & S. Adjustable Shop Wrenches.

Drop forged from bar steel. Black finish. Bar graduated to thirty-seconds of an inch.

Model.	Length closed.	Opens.	Each.
B.	5 inch.	1 inch.	$ .75
D.	6 inch.	1½ inch.	.90
E.	6 inch.	1¾ inch.	1.10

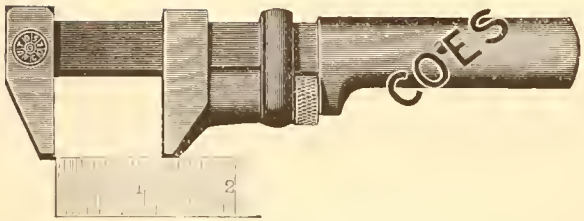


Dudley Wrench.

This tool is a favorite for the gas fitter, the machinist, the electrician, the engineer, the bicycle repairer, or anybody who has use for a wrench. The mechanical features are novel, and the combination makes the tool almost a universal one. The wrench opens to hold a 1¼ inch square or hexagon nut and will hold any small pipe, rod, or bolt from ⅛ inch to 1 inch. The wrench is made of drop forged tool steel, length 7 inches.

Price, $1.00 each.

TOOLS, STEEL BALLS, FIRE EXTINGUISHERS.



COE'S STEEL HANDLE WRENCH.

Made for use in extra difficult service, and in exposed places where heat or damp would injure a wood handle.

Size.	Each.	Size.	Each.
4 inch.	50 cents	8 inch,	$ .85
6 inch.	75 cents	10 inch,	1.00

STILLSON PIPE WRENCH.

The jaws are constructed of drop forgings and are unequalled in durability.

Length open.	Each.
6 inch, takes pipe from ⅛ inch to ½ inch,	$1.00
8 inch, takes pipe from ⅛ inch to ¾ inch,	1.00
10 inch, takes pipe from ⅛ inch to 1 inch,	1.25
14 inch, takes pipe from ⅛ inch to 1½ inch,	1.50
18 inch, takes pipe from ¼ inch to 2 inch,	2.00

BULLARD AUTOMATIC PIPE WRENCHES.

Constructed to stand the severest strains. Inner jaw made of solid bar steel. No sliding parts, loose or shackly points. No adjustment necessary. Always ready.

No.	Size.	Each.	Extra Jaws.
0	0 inch to ¾ inch,	$ .75	
1	⅛ inch to 1¼ inch,	1.15	$ .25
2	¾ inch to 1⅞ inch,	1.35	.35
3	½ inch to 2½ inch,	1.80	.50

FIRE EXTINGUISHERS.

Manville dry powder fire extinguisher for general use. Put up in convenient size, 12 inches long, 2 inches diameter.

Price, $2.00 each.

Nevermyss dry powder fire extinguisher, put up in tubes of convenient size. Impervious to heat or moisture. When tube is emptied, factory will refill same without charge.

Price, $3.00 each.

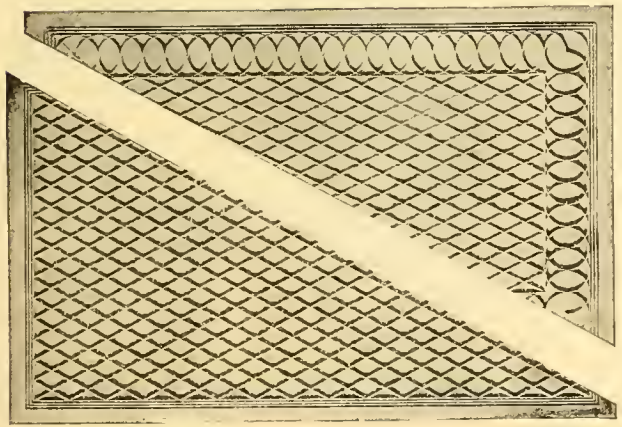
BALLS.

We carry in stock the following sizes:—

$\frac{1}{4}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$, $\frac{9}{32}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{13}{16}$, $\frac{7}{8}$, $\frac{15}{16}$, 1.

We can also obtain sizes up to 1½ inch.

LIQUID VENEER, RUBBER MATTING, ETC.



RUBBER MATS.

17x31.

Used as door mats and for other purposes.

Price each, $1.50

CORRUGATED RUBBER MATTING.

We carry this in rolls 36 inches wide and will cut any running length desired. Standard thickness is ⅛ inch.

RUBBER GARDEN HOSE.

Gem 3 ply, ½ inch.	9 cents per foot.
Gem 3 ply, ¾ inch.	10 cents per foot.
Pilgrim 5 ply, ½ inch.	11 cents per foot.
Pilgrim 5 ply, ¾ inch.	12 cents per foot.

Comes regularly in fifty foot lengths—no charge for couplings in this length.

Nozzles having combination stream or spray,	$ .50 each.
Couplings in ½ and ¾ inch,	.25 each.
Washers,	.15 doz.
Sherman bands, ½ and ¾ inch,	.10 each.

LIQUID VENEER.

4 oz. bottles.	$ .25 each.
12 oz. bottles.	.50 each.
1 qt. bottles.	1.00 each.

OILS, OIL CANS, ETC.

MANY-USE OIL.

Small size, 10 cents bottle.
Large size, 20 cents bottle.

THREE IN ONE.

Small size, 10 cents bottle.
Large size, 20 cents bottle.

There is a large general demand for Many-Use and 3 in 1 oil for household purposes. Sold by all general stores.

NYE'S SEWING MACHINE OIL.

2 ounce bottle.

This is a high grade oil and is extensively used for sewing machines, firearms, bicycles, etc. Price, 5 cents bottle.

CYLINDER OIL.

We carry a special cylinder oil adapted for gas engine use. Price, 1 gallon cans, $1.00 each. If interested, we can quote on larger quantities.

NEW ERA OIL CAN.

Price, $ .10

No. 049 OIL CAN.

Price, $ .15 each.

EXTENSION OIL CAN.

Adjustable spout.

Price, $ .15 each.

NO. 1 GIANT OIL PUMP.

Made from heavy gauge tubing. Has patent plungers with double washers. It is impossible for the oil to come out at the handle. Brass finish.

Length.	Diameter.	Capacity.	Each.
10 inch.	1 inch.	2½ ounces.	$1.00

HAND SOAP, PUMP LEATHERS, ETC.

SKIDOO.

The Great Soap Paste.

Skidoo is always clean and sanitary. Lasts twice as long as any other soap.

14 oz. can, $ .10

PUMP TUBING.

We carry rubber pump hose in two weights, two-ply which is suitable for single action pumps, and five-ply for double action pumps. We also carry hose in two sizes, 3-16 and 1-4 inch inside diameter. When ordering, kindly specify which you prefer. Prices vary from 10 cents to 25 cents per foot.

PUMP LEATHERS.

Made of specially prepared leather and are suitable for use in bicycle, carriage and automobile pumps. Size of the washer required is equal to the outside diameter of the cylinder for which it is intended. Please remember this when ordering. We carry the the following sizes:— ⅞, 1, 1⅛, 1¼, 1½, 1¾, 2 and 2½ inches. Prices vary from 2 to 10 cents each.

GRE-SOLVENT.

Cleanses as nothing else can. Saves time. Saves labor. Saves money. Removes all kinds of materials which can not be gotten off with regular soap. Made especially for machinists, engineers, automobilists, painters, printers, plumbers, electrotypers and others who need a perfect hand cleaner. Positively will not injure the skin, but will make the hands soft, white and smooth.

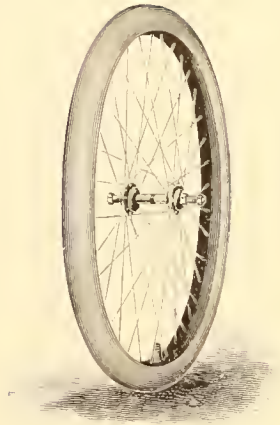
12 oz. can, 10 cents each.
2 lb. can, 25 cents each.

CLEANZUM ANTISEPTIC HAND CLEANER.

Instantly removes all dirt, grease, stains, paint, ink, acids, etc., leaving the hands in perfect condition.

12 oz. can, 10 cents each.

SULKY WHEELS, LIQUID PISTOLS, ENAMEL, ETC.



Sulky Wheels.

With No. 1 or 2 hubs, $12.00 pair
With No. 3 or 4 hubs, knock-out axles. 13.00

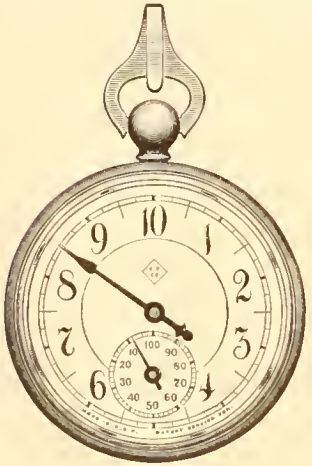
No. 1 sulky hub, regular, 4¾ inches out to out of cones, with 7-16 inch solid axle, 7 inches long.

No. 2 sulky hub, regular, 4½ inches out to out of cones, with 7-16 inch solid axle, 6½ inches long.

No. 3 sulky hub, 4½ inches out to of cones, with ⅜ inch knock-out axle, 6 inches long.

No. 4 sulky hub, 4½ inches out to out of cones, with ⅜ inch knock-out axle, 6 inches long.

Can furnish also the No. 1 hub with 5-16 inch knock-out axle.



AMERICAN PEDOMETER.

Price, 100 miles, $1.50

How far have you walked to-day? The American pedometer tells you. The average person has no idea how far he walks in a day, even around his place of business or at home.

LIQUID PISTOLS.

Throws ammonia or any liquid. A good protection for bicyclists and automobilists against dogs or robbers. Fires and recharges by pulling trigger. Over twenty shots in one loading.

Price, $ .50 each.

High Grade Enamels.

ALUMINUM ENAMEL.

¼ pint, 25 cents per can.
½ pint, 40 cents per can.

Gives a satin silver finish; prevents rust; waterproof.

BICYCLE AIR DRYING ENAMEL.

Colors:—Black, white, bright red, maroon, sterling green, yellow, royal blue.

We carry this enamel, lacquer and peacock blue, for bicycle purposes, but they have many other uses.

Price, $ .20 per can.

ALUMINUM LACQUER.

For enameling spokes.

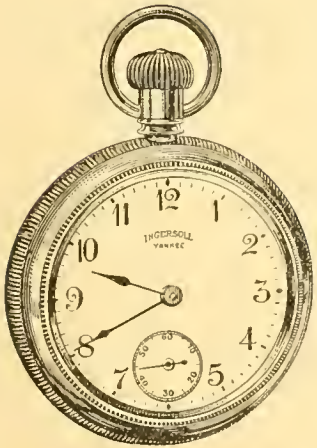
Price, 20 cents per can.

PEACOCK BLUE.

For enameling spokes.

Price, 20 cents per can.

WATCHES, WATCH CHAINS, WATCH HOLDERS.



YANKEE WATCH.

The Yankee is the most desirable low priced watch on the market. Stem wind and set. Nickel only. Very desirable for hunters, fishermen and sportsmen generally.

Price, $1.00

JUNIOR.

Solid nickel case, stem wind and set.

Price, $2.00

UNIVERSAL WATCH.

A selling novelty in gun metal, brass or nickel finish, makes a splendid desk watch and paper weight. Looks handsome enough for any library table, and is the most practical time piece for a journey by boat or rail. Every tourist should own one.

Price, $1.25

LADIES' MIDGET WATCH.

This is as much a wonder as the Yankee $1.00 watch. Stem wind and set. Nickel finish. Price, $2.00

LEATHER WATCH CHAINS.

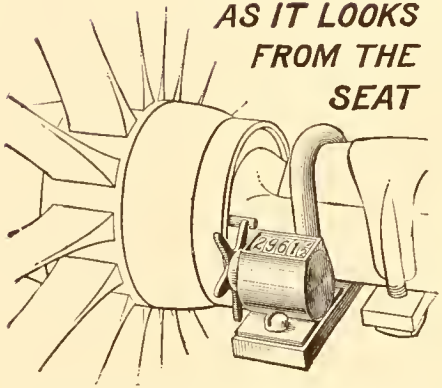
A pleasing novelty for bicycle riders, tourists and general use. Made of black, tan or brown French calfskin, or white chrome leather, with nickel buckles. Light and strong. Price each, $ .15

Put up for the trade, one dozen chains on an attractive card.

WATCH HOLDERS.

To attach to dasher. Black patent leather. Price each, without watch, $2.75

ODOMETERS, SPOKES, TIRE FLUID, ETC.



VEEDER REGULAR ODOMETER FOR HORSE DRAWN VEHICLES.

This cut shows the odometer complete attached to front axle of a wooden wheel carriage. The same fixture will fit the axle of a wire wheel carriage, using a wire wheel striker.

Price complete,.	$3.50
Price of odometer only,	3.00
Price of fixtures only,	1.00

Never oil a Veeder odometer.

CARRIAGE SPOKES.

Bent and direct for 32, 34 and 36 inch wheels, 13, 14 and 15 inches long.
Sulky spokes, .105—.080—12½ inches long.

NEVERLEAK TIRE FLUID.

For injecting into single tube tires. Prevents porousness.

4 oz. tubes.	½ gallon cans.
8 oz. cans.	1 gallon cans.

Neverleak injector to use with above.

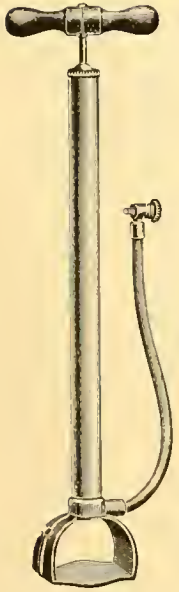
FRICTION TAPE.

High quality.—1 oz. rolls, black.	$ .05 each.
High quality.—4 oz. rolls, black.	.15 each.
High quality.—8 oz. rolls, black.	.25 each.

RUST REMOVER.

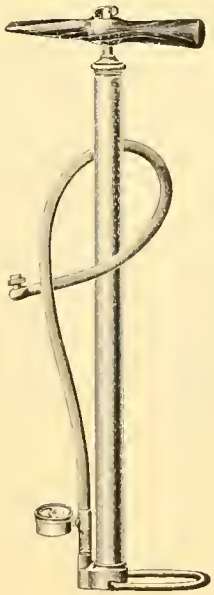
Price, $ .15

CARRIAGE PUMPS, BABY CARRIAGE TIRES AND TOOLS.



No. 80 PUMP.

Price, $1.50 each.

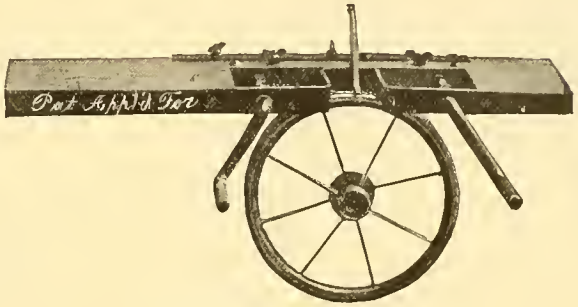


No. 90 PUMP.

Price, without gauge, $2.50 each.

No. 40 PUMP.

Steel barrel, 1¼x18 inches. Price $1.00 each.



LITTLE GIANT TIRE TOOL.

For a long time furniture dealers and repair men have felt the need of a machine with which they could apply rubber tires to baby carriages, go-carts, Irish mails, velocipedes, tricycles, etc., without wasting material. This can be accomplished only by using the "Little Giant." They are put on much tighter than is possible in any other manner. It does not require a mechanic to operate the machine, and after a little experience, one man can put on a full set in fifteen minutes, no mater how small the wheels may be. Circulars giving full directions mailed on application. Where the wheels are sent in to us, we make up tires to fit.

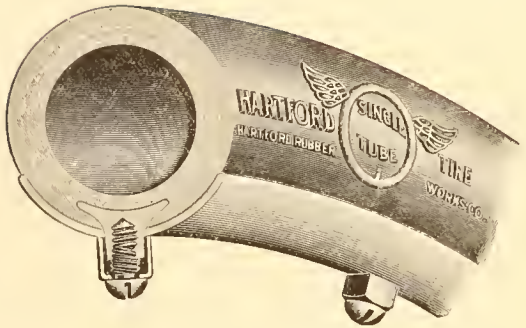
BABY CARRIAGE TIRE WIRE.

Price, 20 cents per pound.

BABY CARRIAGE TIRE RUBBER.

$\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, and $\frac{5}{8}$ inch. High grade quality, 50 cents per pound.

CARRIAGE TIRES, INNER TUBES AND BUMPERS.



HARTFORD, DIAMOND and GOODRICH CARRIAGE TIRES.

	Factory List.		Factory List.
28x1¾	$14.00	32x2	$16.00
30x1¾	14.50	34x2	17.00
32x1¾	15.00	36x2	18.00
34x1¾	16.00	38x2	19.00
36x1¾	17.00	40x2	20.00
38x1¾	18.00	34x2¼	20.00
40x1¾	19.00	36x2¼	21.00
28x2	14.50	34x2½	23.00
30x2	15.50	36x2½	24.00

MAYNARD CUSHION PNEUMATIC CARRIAGE TIRES.

These tires are an exact counterpart of the Pneumatic in looks and have all of its advantages such as easy riding, etc. They will not puncture and never have to be inflated. Large numbers are in use, giving entire satisfaction. Same prices as the HARTFORD.

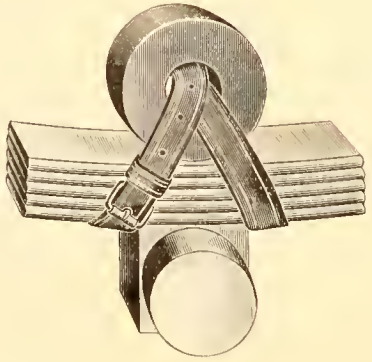
IMPORTANT.

When ordering single tube carriage tire, please state whether desired for wood or metal rims, and number of lugs required. Unless we receive other specifications, we will ship five lug tires for steel rim.

Hartford sulky and road cart tires.—Prices on application.

DUNLOP CARRIAGE TIRES.—Detachable.

	Factory List. Each.		Casing only. Factory List. Each.	Tube only. Factory List. Each.
32x1¾ inches,	$15.00	32x1¾ inches,	$11.25	$3.75
34x1¾ inches,	16.00	34x1¾ inches,	12.00	4.00
36x1¾ inches,	17.00	36x1¾ inches,	12.75	4.25
34x2 inches,	17.00	34x2 inches,	12.75	4.25
36x2 inches,	18.00	36x2 inches,	13.50	4.50



RUBBER BUMPERS.

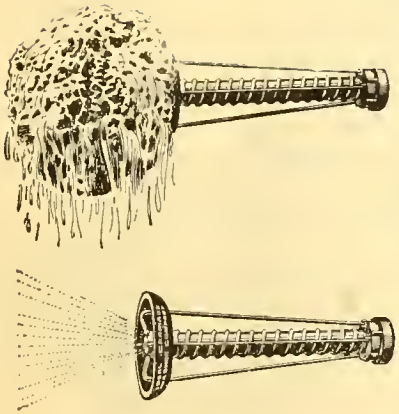
Cylindrical shape.

Made of good grade rubber. Widely used.
Diameter 3½ inch, width 1½ inch, hole 1½ inch.
Bumpers each, $ .75
Straps extra.

CARRIAGE INNER TUBES.—Butt End High Quality.

32x1¾. Price, $3.50 each. 34x2. Price, $4.00 each.
34x1¾. Price, 3.60 each. 36x1¾. Price, 3.65 each.
36x2. Price, $4.15 each.

CARRIAGE WASHERS, CYLINDER OILS, ETC.



THE "IDEAL" CARRIAGE WASHER.

It is an entirely new and practical device for the use of those who have vehicles of any description to wash. By means of this machine a comfortable and easy way is provided for doing an otherwise disagreeable task. The water, however cold, will not benumb the hands as they are not in contact with it. Gauntlets may be worn if desired, and the "splashing" of the usual method of washing is reduced to a minimum.

The washer will pay for itself many times over in one season, but as a matter of fact the construction is such that it will last a lifetime.

Machine fits any ordinary hose connection, and works equally well with city water works, wind mill, tank force-pump, hydraulic ram, or penstock. Worth many times its cost in in using water from a pail.

When attached to a hose, water runs through the sponge continually, keeping it free from grit or sand and making it impossible to scratch the varnish. Price, $3.00

RELIANCE OIL.

A high grade gas engine cylinder oil with high viscosity. Reliance oil has been thoroughly tested out and wherever used has given perfect satisfaction. Reliance oil develops and maintains the highest efficiency of a gas engine. Put up in barrels, half barrels, ten and five gallon jacketed cans, and in one gallon tins as shown in cut.

1 gallon cans.	$ .75 each.
5 gallon cans.	3.50 each.
10 gallon cans.	6.50 each.
½ barrel, per gallon.	.60 each.
1 barrel, per gallon.	.55 each.

WASHER FOUNTAIN.

The washer fountain carries hose around vehicle and consequently does not kink. Easily attached to ceiling in centre of wash floor by two ordinary wood screws. Arm is 6 feet long, making a 12 foot circle in one revolution.

"Ideal" Overhead Washing Fountain. Price each, $12.00

"Ideal" Overhead Washing Fountain, epuipped with "Ideal" carriage washer. Price each, 14.50

"IDEAL" AUTOMATIC SHUT-OFF OR WATER SAVER.

When the operator drops the hose, the "Ideal" automatic shut-off shuts off the water instantly. Fits any ½ or ¾ inch hose. Made of brass.

Price, ½ inch, $1.50 each. ¾ inch, $1.75 each.

PANHARD OIL.

In selecting Panhard oil for the lubrication of automobiles, motor boats and all makes of gasoline engines, you can feel perfectly safe, for the reputation of the manufacturers stands back of it. Put up in barrels, half barrels, 10 and 5 gallon jacketed cans and in 1 gallon tins as shown in cut.

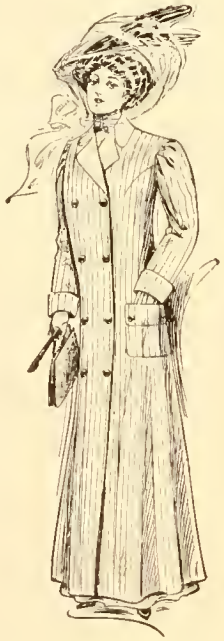
1 gallon cans.	$1.00 each.
5 gallon cans.	4.25 each.
10 gallon cans.	8.00 each.
½ barrel, per gallon.	.70 each.
1 barrel, per gallon.	.65 each.

CLOTHING.

Our Clothing Department is made up of all the latest and most up-to-date styles of coats for driving, many of which are suitable for street wear. We also carry a full line of dust coats.

Our line of ladies' rain coats is most complete and we have attempted to illustrate on this page only a few of our best selling styles and patterns. We invite your correspondence on this line of goods.

Waterproof Coat.



Rubberized Silk Coat.

Duster.

Rain Coat.

Rubber Poncho or Umbrella Coat.

AUTOMOBILE ACCESSORIES.

Our stock of Automobile Accessories is the largest and most complete in Northern New England. On most of the standard accessories we are factory distributers for this territory. We issue a special catalog showing this line of goods; also have a confidential Price List for Dealers.

AUTOMOBILE TIRES.

We carry in stock several hundred Casings and nearly a thousand Inner Tubes. This quantity is made up of all the principal makes in all styles and types. We can truthfully say that we are the largest Automobile Tire House in New England. If interested, kindly ask for Price List.

MOTOR BOAT SUPPLIES.

MARINE HARDWARE

Also a large and complete line of the Ignition and Lubricant features of the Motor Boat.

BICYCLES.

We represent as distributing agents several of the leading bicycle factories, and carry in stock several hundred machines. We annually place agencies for our bicycles in a great many cities and towns in Northern New England. Correspondence solicited. Illustrated catalog mailed on request.

BICYCLE SUPPLIES.

Our stock is one of the largest in New England.

An illustrated catalog and Dealers' Price List for the trade.

To the Trade

OUR line of Harness is one of the most extensive and varied in this part of the country and specially adapted for the New England trade.

OUR large stocks of Horse Blankets, Plush and Fur Robes are worthy of your consideration.

OUR line of Horse Sheets, Lap Dusters and Fly Nets s most complete in their season.

REMEMBER that we have **EVERYTHING FOR THE HORSE AND THE STABLE.** Brushes, Curry Combs, Soaps, Dressings, Whips, Collars, Collar Pads, Halters, Saddle Pads, etc., etc.

THERE is a growing business in Wagon and Canopy Umbrellas and Express Tops. We carry a large assortment of styles.

CARRIAGE and Sleigh Trimmings and Sundries. This has been an important part of our business for over a half century.

DOG COLLARS and Supplies. We make a specialty of this line of goods. Special catalog mailed on application.

To the Trade

BICYCLES AND SUPPLIES are in constant demand. The bicycle is no longer a plaything. It has a distinct business use as a time and money saver. Dealers who stock samples will find a sure demand and good profits.

BASE BALL GOODS are in universal demand everywhere. Our line is a standard one and well known. If you will put in a little assortment of these goods, you will surely find a demand for them.

RUBBER GARDEN HOSE is a big selling article. It will pay you to consider adding this to your stock.

RUBBER DOOR MATS have a very extensive sale and are well worth your consideration.

LIQUID VENEER is a household necessity—in fact, it is needed everywhere, whether at home or in the store or office. Its selling possibilities are large and it is well worth pushing. Everybody wants it when it is brought to their attention.

THREE IN ONE OIL is known everywhere, and its sale is extensive. The same in regard to MANY-USE OIL, and it would pay you to carry one of the two.

PNEUMATIC CARRIAGE, SULKY AND ROAD CART TIRES are in constant demand in every locality. We carry the best makes.

HAND SOAPS that are made up specially to remove grease, oil and stains from hands appeal to thousands of people who require a soap of this character. We carry the best makes.

INGERSOLL WATCHES meet a big demand not only from those whose means are limited, but also from many other classes, like sportsmen and travellers.

METAL POLISHES AND TWENTIETH CENTURY RUBS are a so well worth your attention.

DRY CELLS AND BATTERIES have very many uses. No doubt you could work up quite a trade on same.

In every city and town a profitable business can be worked up in equipping baby carriage tires. We carry the tools and the rubber.

Index to General Section.

Index to MISCELLANEOUS SECTION will be found on Page 176.

— A —

PAGE

Anti-Itis 89
Anti-Rattlers 117
Aprons, Carriage 115
Apron Fasteners 118
Apron Skins 136
Arm Rails 123
Army Blankets 114
Axle Felts 121
Axle Grease 91
Axle Oil 91
Axle Washers 119

— B —

Baby Carriage Robes 73
Bags, Feed 107
Bandages 92
Bells, Body Strap 135
Bells, Saddle Chime 134
Bells, Martingale 135
Bells, Shaft 131, 132
Bells, Team 133
Bits 42, 43, 44, 45, 46, 47, 48, 49, 50
Bit Burnishers 49
Black Ball 83
Blanco 90
Blankets, Army 114
Blankets, Horse 41
Blankets, Under Harness 114
Blanket Pins 72
Boots, Ankle 111, 112

PAGE

Boots, Dasher 115
Boots, Soaking 113
Border, Robe 126
Breast Collars 15, 16, 17
Breast Collar Pads 39
Breast Strap Slides 71
Breeching Hooks 71
Breeching Straps 28
Bridles, Buggy 5
Bridles, Express 5
Bridles, Open 6
Bridles, Riding 76
Bridles, Team 7
Bridle Cheeks 8
Bridle Crowns 8
Bridle Fronts 57, 58, 59
Broadcloth 125
Brooms 103
Brushes, Body 94
Brushes, Compo 95
Brushes, Dandy 93
Brushes, Spoke 95
Buckle Shields 62
Bumpers 119
Burnishers, Bit 48
Buttons, Rein 104
Buttons, Tufting 127

— C —

Candles 105
Canopy Umbrellas 124

PAGE

Cards 101
Carpet 126
Chains 109
Chains, Curb 76
Chains, Hame 23
Chamois Skins 92
Check Hooks 65
Check Reins 9
Check Rein Ends 9
Check Rein Springs 9
Cheeks, Bridle 8
Cleaners, Hoof 102
Clips, Hame 23
Clippers 98, 99
Clipper Springs 98
Clipping Combs 101
Clipping Machines 100
Clipping Machine Parts 100
Clipping Shears 101
Cloths 125
Cloths, Harness 92
Cloths, Rubbing 92
Coach Pad Housings 40
Coal for Heaters 105
Cockeyes 71
Collars, Dog 106
Collars, Horse 30, 31, 32, 33, 34, 35
Collar Fasteners 72
Collar Pads 36
Collar Pad Hooks 72
Combs, Clipping 101
Combs, Curry 96, 97

PAGE

Combs, Mane ... 101
Compo, Jamieson & Co.'s ... 90
Compo, Porpoisine ... 85
Coolers ... 116
Covers, Horse ... 115
Crops ... 78
Crown Pieces ... 8
Crupper Docks ... 14
Curb Chains ... 76
Curb Hooks ... 76
Curb Straps ... 8, 76
Curry Combs ... 96, 97
Curtain Knobs ... 118
Curtain Lights ... 120
Curtain Patches ... 118
Cushions ... 120

— D —

Dashers ... 115
Dasher Rails ... 123
Dees ... 71
Docks, Crupper ... 14
Dog Collars, Etc. ... 106
Dressing, Carriage Top ... 83
Dressing, Harness ... 85
Dressing, Hoof ... 88
Drill, Enamel ... 125
Drill, Rubber ... 125
Drops, Face ... 62
Drops, Harness ... 62
Duck, Enamel ... 125
Duck, Rubber ... 125
Dusters, Lap ... 116
Dusters, Wool ... 104

— E —

Ear Nets ... 114
Edge Ink ... 83

PAGE

Elixir, Tuttle's ... 89
Embrocation ... 90
Eyelets, Knob ... 118

— F —

Face Drops ... 62
Fasteners, Apron ... 118
Fasteners, Collar ... 72
Feed Bags ... 107
Felt ... 126
Felts, Axle ... 121
Ferrules, Whip ... 81
Files, Tooth ... 102
Floats, Tooth ... 102
Fly Nets ... 116
Fringe ... 126
Fronts, Bridle ... 57, 58 59,

— G —

Gait Spreaders ... 113
Gall Cure ... 89
Girths ... 27, 76
Gloves ... 104
Grease, Axle ... 91
Guards, Wheel ... 104

— H —

Halters ... 108
Halter Leads ... 108
Hames with Hame Tugs ... 18
Hames, Wood ... 19, 20
Hame Chains ... 23
Hame Clips ... 23
Hame Kidney Links and Rings ... 23
Hame Straps ... 21
Hame Terrets ... 22, 23
Hame Tips ... 23

PAGE

Hame Trimmings ... 22, 23
Hame Tugs ... 21
Hand Holds for Reins ... 14
Harness ... 29
Harness Cloths ... 92
Harness Drops ... 62
Harness Trimmings ... 51
Heart Ornaments ... 60
Heaters ... 105
Heater Coal ... 105
Hitching Weights ... 103
Hitching Weight Straps ... 103
Hold Back Irons ... 119
Holders, Rein ... 14, 95
Holders, Whip Socket ... 123
Hoods ... 114
Hoof Cleaners ... 102
Hoof Packing ... 88
Hoof Remedies ... 88
Hooks, Breeching ... 71
Hooks, Check ... 65
Hooks, Collar Pad ... 72
Hooks, Curb ... 76
Hooks, Trace ... 71
Horse Cards ... 101
Housings, Coach Pad ... 40
Housings, Riding Saddle ... 77

— I —

Imitation Leather ... 125
Imported Preparations ... 90
Ink ... 83
Irons, Hold Back ... 119

— J —

Jacks ... 105
Jowl Hoods ... 114

PAGE

— K —

Knives for Clipping Machines 100
Knobs, Curtain 118
Knob Eyelets 118

— L —

Lamps 105
Lashes 81
Lazy Straps 28
Leads, Halter 108
Leathers 136
Leathers, Shaft 121
Leggins 104
Lengtheners, Trace 109
Letters 61
Links and Rings, Hame 22, 23

— M —

Machines, Clipping 100
Machines, Riveting 129
Mane Combs 101
Martingales 14, 76
Martingale Rings 64
Mats 73
Monograms 61
Muslin, Enamel 125
Muzzles 113

— N —

Nails 127
Nets, Ear 114
Nets, Fly 116
Nuts, Top Prop 119

— O —

Oil, Axle 91
Oil, Harness 84
Oil, Hoof 88
Oil, Neatsfoot 84
Ornaments 60, 61
Overdraw Checks 9

— P —

Pads, Breast Collar 39
Pads, Collar 36
Pads, Saddle 37, 38, 39
Paste, Breeches and Glove 90
Paste, Saddle 90
Pins, Blanket 72
Pipe Clay 90
Plates for Clipping Machines 100
Plumes 63
Plush 126
Pole Straps 28
Polish, Metal 86, 87
Polish, Patent Leather 85
Polish, Russet Leather 85
Porpoisine 82, 85
Punches 72
Puttees 104

— Q —

Quick Shifts 117

— R —

Racks, Whip 103
Rails, Arm 123
Rails, Dasher 123
Rawhide 136
Reins 10, 11, 12, 76
Rein Buttons 104
Rein Holders 14, 95
Rein Spreaders 13
Rein Supporters 95
Rein Terrets 95
Remedies 88, 89
Repair Tops for Whips 81
Riding Bridles, Etc. 76
Rings, Hame 22
Rings, Martingale 64
Rivets 69, 128
Riveting Machines 129
Robe Border 126
Robes, Baby Carriage 73
Robes, Carriage 73
Robes, Sleigh 130
Rolls, Shoe Boil 113
Rolls, Trotting 113
Rosettes 52, 53, 54, 55, 56
Rubbing Cloths 92

— S —

Saddles 74, 75
Saddle Pads 37, 38, 39
Salt Bricks and Feeders 90
Scrapers, Sweat 102
Seats 105
Shaft Ends 121
Shaft Leathers 121
Shaft Tug Stops 120
Shaft Springs 117
Shaft Tips 121
Shaft Tugs 26
Shears, Clipping 101
Sheets 116
Shields, Buckle 62
Shield Ornaments 60
Shoe Boil Rolls 113
Side Checks 9
Skate Straps 110
Skins, Chamois 92
Skins, Wool 136

	PAGE
Slides, Breast Strap	71
Sloan's Preparations	89
Snaps	67, 68, 69, 70
Snap Springs and Rivets	69
Snappers, Whip	81
Soaking Boots	113
Soaps	82, 83
Soap, Saddle	90
Sockets, Whip	122
Sponges	92
Spots	60
Spreaders, Gait	113
Spreaders, Rein	13
Spring Bumpers	119
Spring Cushions	120
Springs, Check Rein	9
Springs, Clipper	98
Springs, Snap	69
Spurs	77
Spur Straps	77
Stirrups	78
Stocks, Whip	81
Straps, Breeching	28
Straps, Curb	8, 76
Straps, Hame	21
Straps, Hitching Weight	103
Straps, Lazy	28
Straps, Pole	28
Straps, Skate	110
Straps, Spur	77
Straps, Trunk	110
Straps, Yoke	28
Supporters, Rein	95
Surcingles	107
Sweat Scrapers	102

— T —

Tacks	127
Tail Ties	63
Tassels	63
Terrets, Hame	22, 23
Terrets, Rein	95
Third Person Seats	105
Throat Latches	8
Ties, Cattle	108
Ties, Horse	108
Tips, Hame	23
Tips, Shaft	121
Toe Weights	104
Toggles, Trace	72
Top Prop Nuts	119
Tops, Express	124
Tools	66
Tooth Files	102
Tooth Floats	102
Traces	24, 25
Trace Dees	71
Trace Hooks	71
Trace Lengtheners	109
Trace Toggles	72
Trimmings, Hame	22, 23
Trimmings, Harness	51
Trunk Straps	110
Tubing, Anti-Rattler	117

— U —

Umbrellas	124

— W —

Wagon Jacks	105
Washers	119
Webbing	110
Weights, Hitching	103
Weights, Toe	104
Wheel Guards	104
Whips, Buggy	79
Whips, Coach	81
Whips, Express	80
Whips, Riding	78
Whips, Track	80
Whip Ferrules	81
Whip Lashes	81
Whip Racks	103
Whip Repair Tops	81
Whip Snappers	81
Whip Sockets	122
Whip Socket Holders	123
Wool Skins	136

— Y —

Yoke Straps	28

Index to Miscellaneous Section.

— A —

PAGE

Ammeters 148

— B —

Balls, Steel 156
Base Balls 139, 140
Base Ball Goods ..... 139 to 147
Base Ball Guide 146
Bats 145
Bat Bags 145
Batteries 147
Battery Connections 148
Body Protectors 146
Brazing Material 149
Bumpers 164

— C —

Carbide 151
Carriage Washer 165
Clothing 166

— D —

Drinking Cups 150
Dry Batteries 147
Duplex Foldables 150

— E —

Emery Grinders 152
Enamel 160

— F —

Fire Extinguishers 156
Flash Lights 151

— G —

Gloves 143, 144

— H —

PAGE

Hack Saws 152
Hack Saw Blades 152
Hammers 152
Heel Plates 146
Hose 157

— L —

Lamps 151
Lamp Burners 151
Liquid Pistols 160
Liquid Veneer 157

— M —

Masks 144
Mats 157
Matting 157
Mitts 140, 141, 142

— O —

Odometers 162
Oils 158, 165
Oil Cans 158
Oil Pumps 158

— P —

Pedometers 160
Pliers 154
Pumps 163
Pump Leathers 159
Pump Tubing 159

— R —

PAGE

Rust Remover 162

— S —

Screw Drivers 153
Soap 159
Solderene 149
Spokes 162
Steel Balls 156
Sulky Wheels 160

— T —

Tape 162
Terminals 148
Tires 164
Tire Fluid 162
Tire Rubber 163
Tire Tools 163
Tire Wire 163
Toe Plates 146
Torches 149
Tubes 164

— V —

Volt Ammeters 148
Volt Meters 148

— W —

Watches 161
Watch Chains 161
Watch Holders 161
Wrenches 155, 156

Webster Family Library of Veterinary Medicine
Cummings School of Veterinary Medicine at
Tufts University
200 Westboro Road
North Grafton, MA 01536